

of Local Diseases

of the black Color of the

africans. — 505

of the proxim ate cause
of Death 525

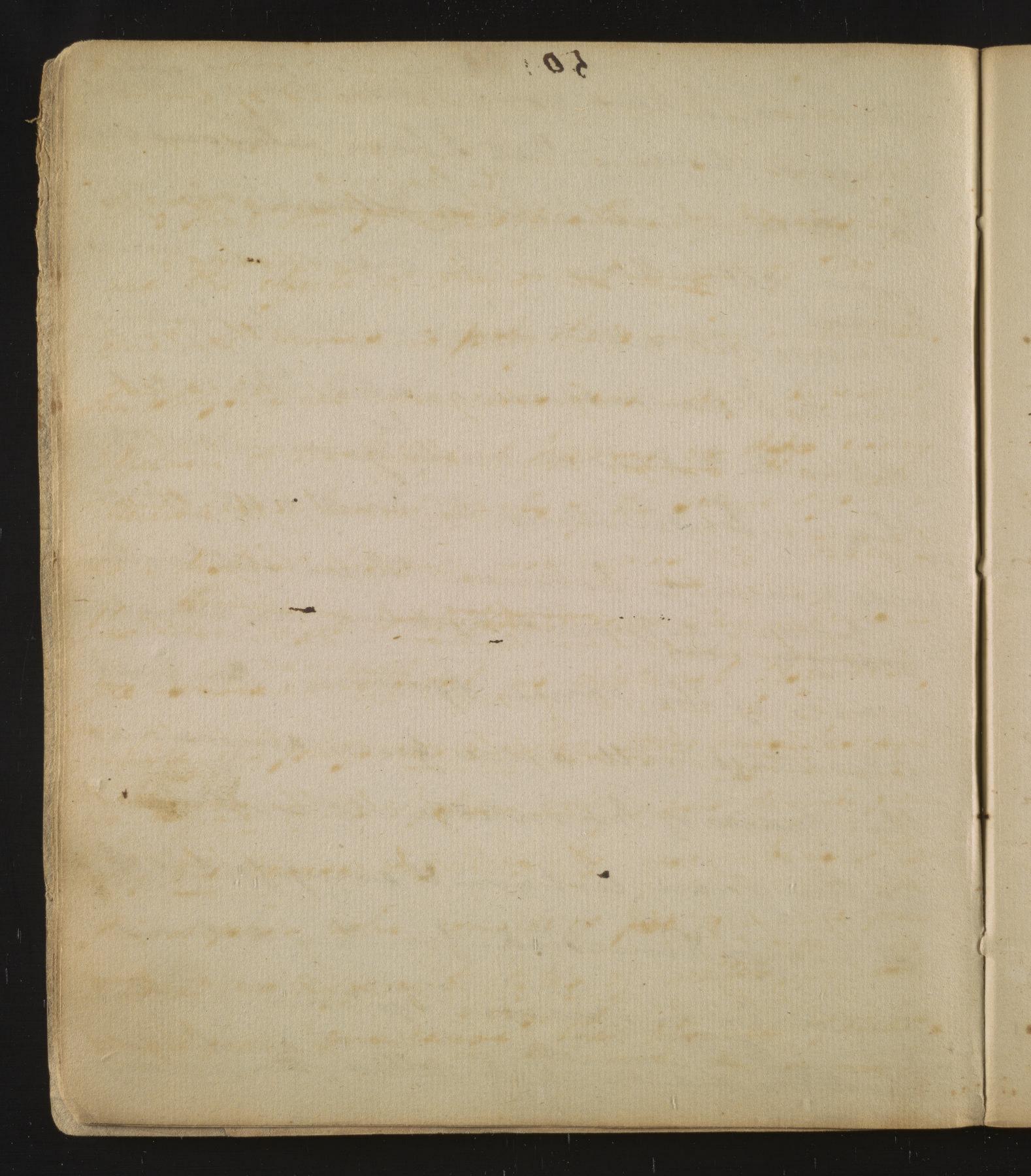
But again - The diseases of the same Systems differ materially in their degrees. Eg: There is a febris O febrienla - there is Phumitis of Phrenicula - or aute rehim Delinim. hystern - There is involventary motion, and in its disution only to the Will - There is Dysenteria & Dysentericula in the alinen. - tony carral - There is Hepsatitis aunta and Chromita - There is lives & gonomboa in the Symphatic hystern & There are the internal internal measles - & so on en all the Other Tystems In each of these the discours hinited so closely to the hystern affected & acts on it to bubly, as to allow the palinet to his led. Lastly - Discuss crist in ane part of the I have bystein, and Inoque their huntstowns I have sun about in lungo with in huch autingstannes is andy in another. The debility of france is sented in the fort, & yet it apprears in the

Vyot hup within the limits of the domainion formerly apigned to them. 3 The Diseases of the Stormach & bowels bøten inchange hitmations. 4 The affections of the Shin particularly Jones - and tetters of all hims are also appear in different Susons in diff! parts of the body. -5 the mist of the discuss of the glands are disposed frequently to change this places, more experially Droposis. The discuss of the two last bysterns which I have described, bonne afford no instances of metastasis such as have bun mentioned. with this we finish the general

nech. break hugs existe a bough - seine a weath stomach a longh - and a stone in one kidney has in one instance produced frain only in the Other.

discrus. I have done little more than said mand them. But I have delivered into to open a new field of Houveton to gons altention. The more you view fineal this this the midium of the hysterns which I have emerceated, the more definite de previse will your ideas of them. And mours to find out new relationships between them witherthis

foreign , or semete grants of the same System. One great advantage will arise from enescasing Ohis Spuies of humboge it will lead to the more certain & muspful lese of many Remedies - for they set as certainly on Specific hystems, as those Systems act on each other. I From u



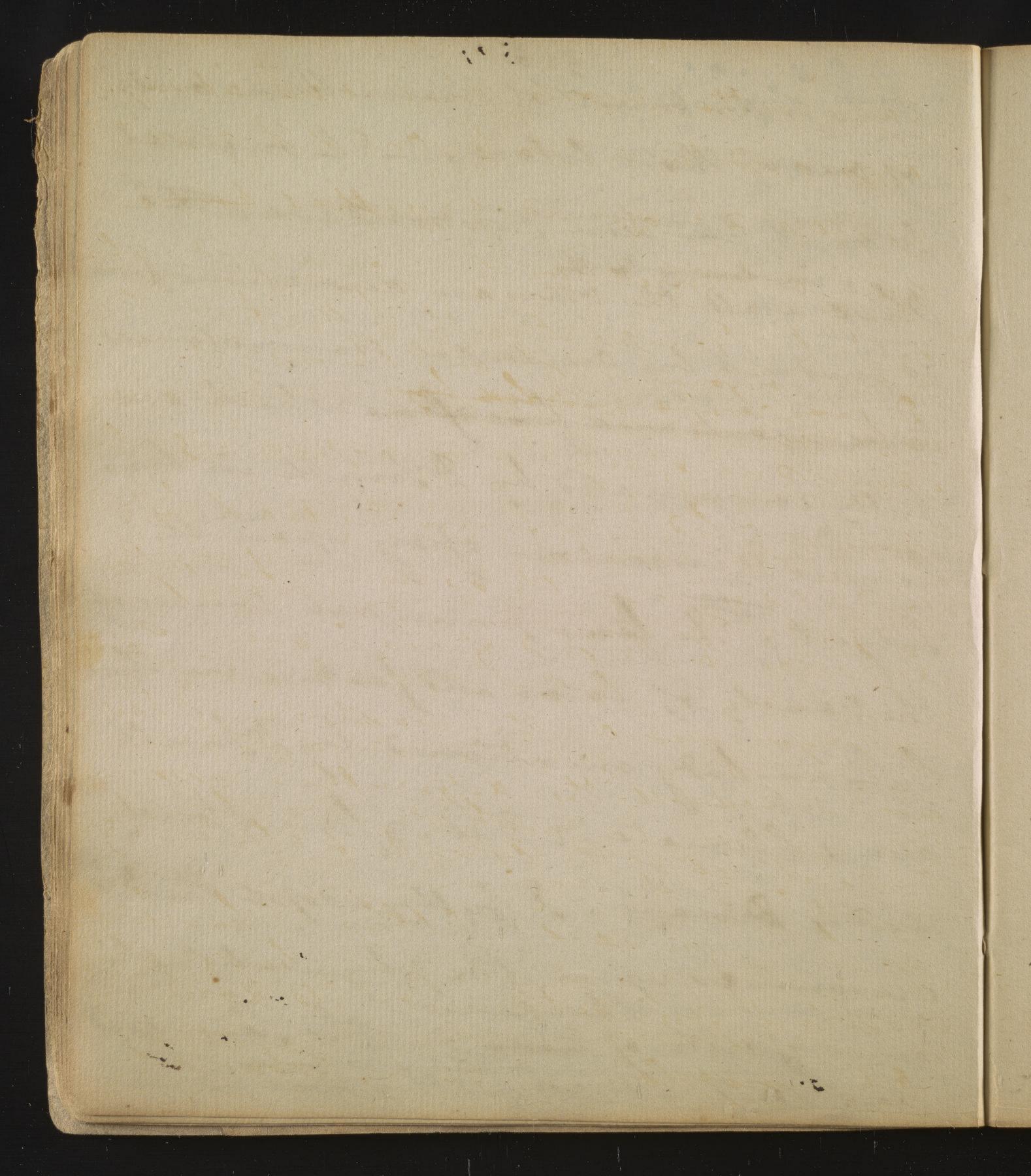
reveire of what has been said of youral causes of general now tiscuses - I presume us one will now theleading that truth of the following from: - 2itions. Athet of Our pathology. I Shat debitity is the universally prodis: -prosing cause of all general chiseases. a Shat visign energes or morbid exist the bility is the mirrors at effect when secent) of del previous debility. 3 That insignlar Action - or in other words a want of town in mations is as to fone time by place, institutes the proscionate courses of all the general disenses of the Austient & instable parts of the body. 4 That the great devet of medicine, and the first consists in the knowledge

V 5 That the pultiplication of diseases with are the effects of one or at most, of two original conses is poly their in midium. The physician who considers every different affection of the Different Tystems, or diffe every affection of different parts of the same systems, as a district disease, resembles the moran, on the new negro who considers water - Dens -Jue-Inon - and frost as distinct aponces, while the physician who considers disease an exited part of bystems only; and derived from as a state of the hystems only; and derived from only one cause, vis: delility, sevenblus the Philosopher who considers fix den - water from only as as frost as different states of water, and all derived from one cause; the absence of Heat. Having finished gen discases, I should

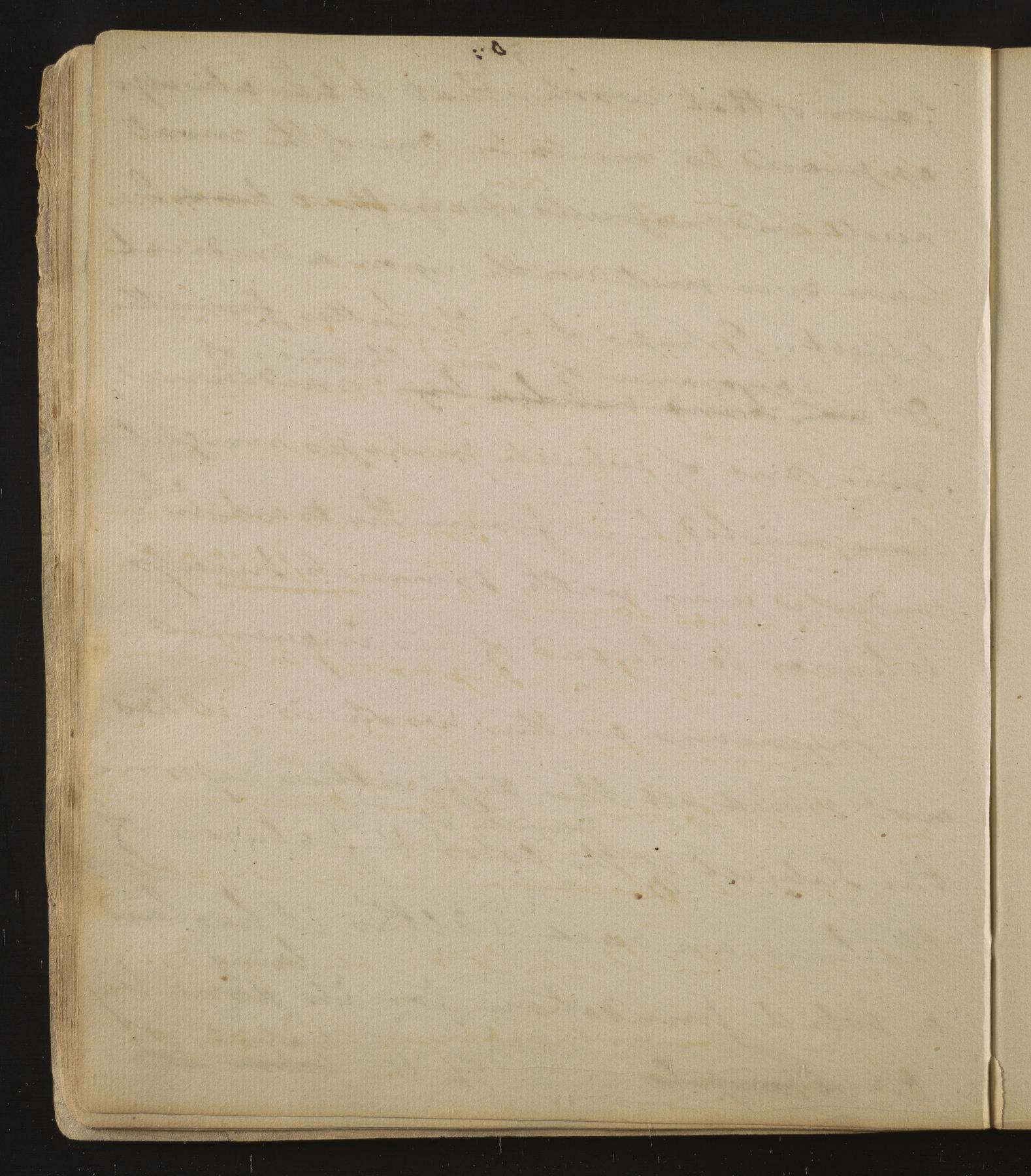
of the found affected, of the force, or degrees of viragiales in a man bid action in it - and afterwards in a the exact secommodulion of a standing the monday of that summerly, to that action the degrees of morbid action. he come now to spenh of the fundia Courses of partial or back disof a Physician The first thing which strikes the eye in continuellating the horman eggs bridge, in the plating the features which wis The different nations we inhabit our globe. This wanity must be the that of Disease, for there can be no doubt but the whole human sail must have bun denved from one pair, de

proceed to treat of their general consequences viz: disorders. Tray general consequences, for there may be disorder in a part which has not been preceded by Disease or morbid excitement. There is lihewise fugurantly a misation of disease I disorder in the come part as inflam? I Supposention or Jehimis in the lives discussed on morbid excitement & inflame? Dobhomorshage, The unual Consequence of morbid existement & circulation & circulation of red gloubles on discase one I hope or effection of red gloubles into somows repels - 2 homorrhage : 3 8 ffersion Astagnation of Semm - a Coaquelable - and red Blood-frist ends in resolution 2013 in Poppusation - all 3 in congestion like gangnene 4 gangsene - or lop of power of emitting life from great force of action in any part. These are acute effects of disease thronic effects are tuberles - Jehirsi - Opification & calcarions watters - Drypeical hullings - Comments foreign drieny of them are not priceeded by mostind action.

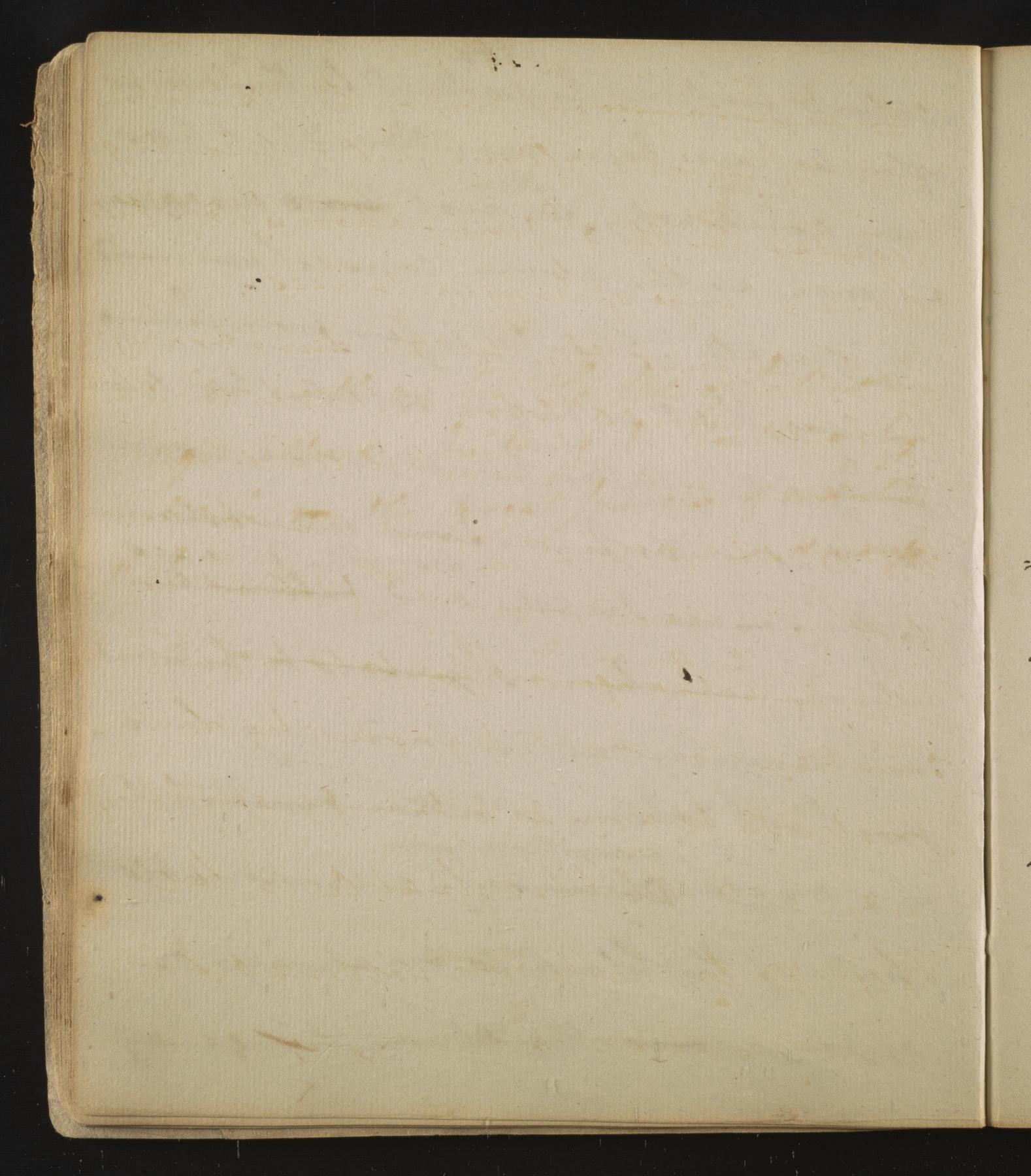
Shis pair must of course been only of one of those loves. The original Evlor it has been Inpproved was the Blive - all the others are devoiations from it Involved by awidental cirumotances to be mentioned hour often which are fully immerated by Drinith in bis learned tingenions epay upon this Subject. The four principal truscrof the Variety of lotor and Jeature in the Luman body mentioned by Dynisth ane, Climate - 2 Diet - 3 state of frietz, and 4 Disease. I fully adopt the Dis casonings upon the Johnsical influe:
ence of each of them on the Shin and
face, and will add further that the in



Javor of that work, that it has always appeared to me to be one of the most aute and Inofound opays that but I have over smet with ispon a medical Strong mindlet of medicine, Jame one of which pushaps might have misted him from the truck w? londueted him with sommeh Lunels Ohonor to the end of his inquisies. Ingenions as this work is - it has not solved all the difficulties upon the Subject of the color & features of The human race - altho it has laid a solid foundation for its done by Others-Josephe. If the levelor des



color be funtiones be produced by the Campes which have been mentioned, it has been ashed why the not those disappear as soon as the above canoeshave wand to opsirate. This is so far from lesing the case that a negro retains his loton for Century After being reserved from the heat of the fun from unwholsome diet from age Soviety and bilines dis which have been supposed to be most instrumental in moducing his din black lobor. - To this bemakthere exception for a small physician - a considerable Shade of the black Colon always dis--appears wooder the blown thange of



Consessantames in two or three Generations, and the features seldom fail of becoming regular in the 3 year ation under the above Change of himmotances. To account their for the duration of a meternatural lobor in the friendster the causes which indued it cease to one: : rate, I suid toolly remind you of a fact mentioned formerly, I that is the gradities of the Ihrir are the most transmissible to Instanty of any bunking of the body, and the liast biable to be Affected by time or external cir. - anstances.

V as well as in the State of hostimulture - agriculture - bruitring, by clouthing, by which we the great foresees of marsh I human miasmata were dried up.

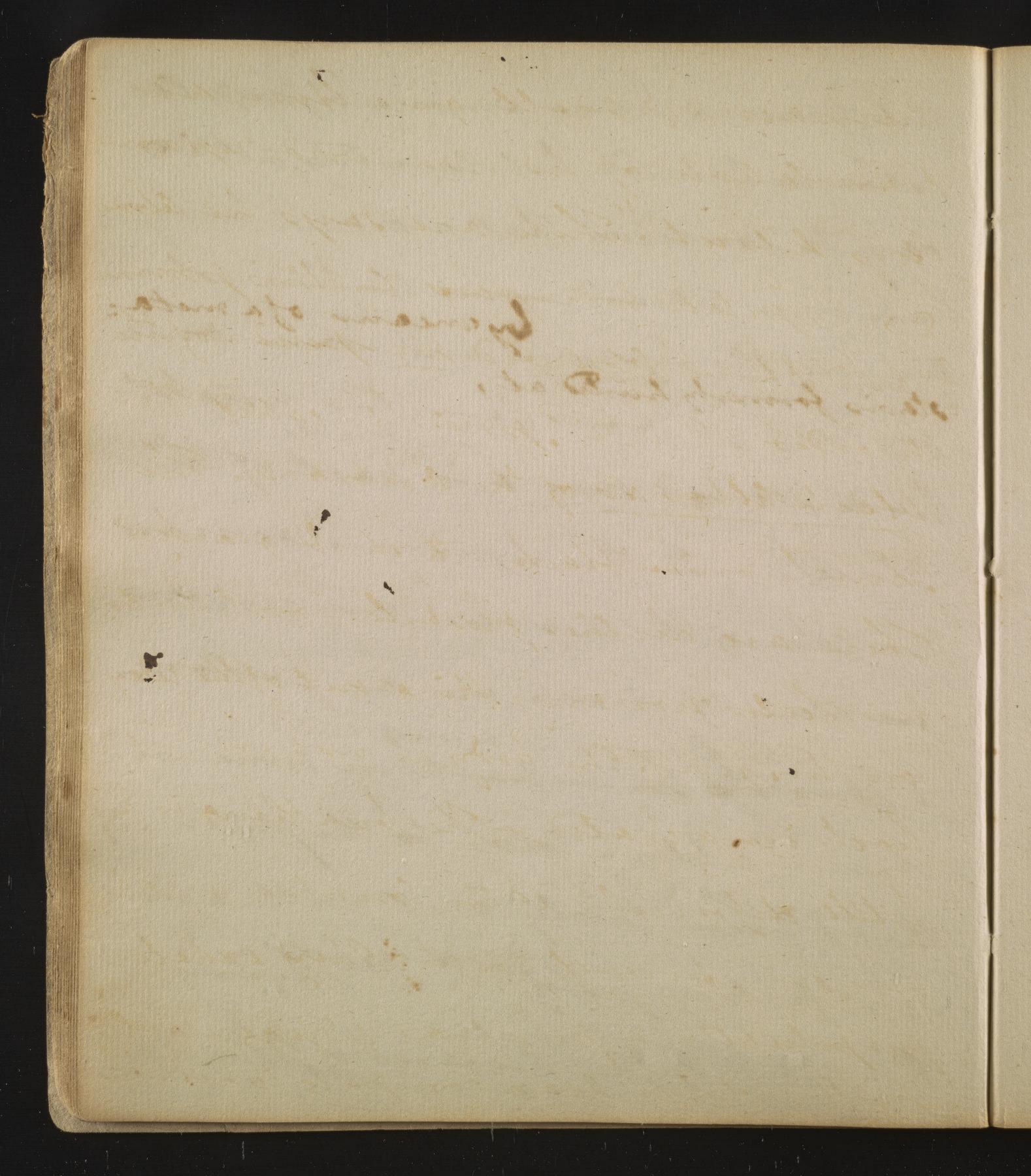
But the dup black Color was the big life and the flat work - and the worly hund of the argro, require a specific theny to explain them. I shall offer one is hich I know will be satisfactory. I formerly took notice of the influence of Dit, and En nomes the State of Society in moducing diseases of the flien, and ascribed the decay of Elishantianis. I Legnory to the change in the drit, and employments of manhind by the revival of letters & the thange in the Inditical State of the troops in the 14 & 15 Centrovies in During the providence of workstown ditt - I wage manning

of mostid of probably by a translation of and theffin action of an effect of black bile to the rete mucosum, for the bile of it is well known sometimes imparts a black colon to the black, and also to the whole frim in Hos a disease which is known by the name of the black Janualice . now this

d'hilions discusses among a propole who inhabited hot country, it is easy to conceive that a disease may have been induced report the faire which where the could the Lipsing, and when tonce the stasis formerly hinted at, in his might produced in a few families might have speed in a few at part of the Globe. - Fo this Lymny - I asinihe the color of the negroes. my reasons for this opinion are as follow.

The hippory is accompanied

This the imparts in some in: = starres, a black Colon to, the string. of This I have lostely met with a most vater furthery from In Drothing ? prount of the diocenses of Asturia



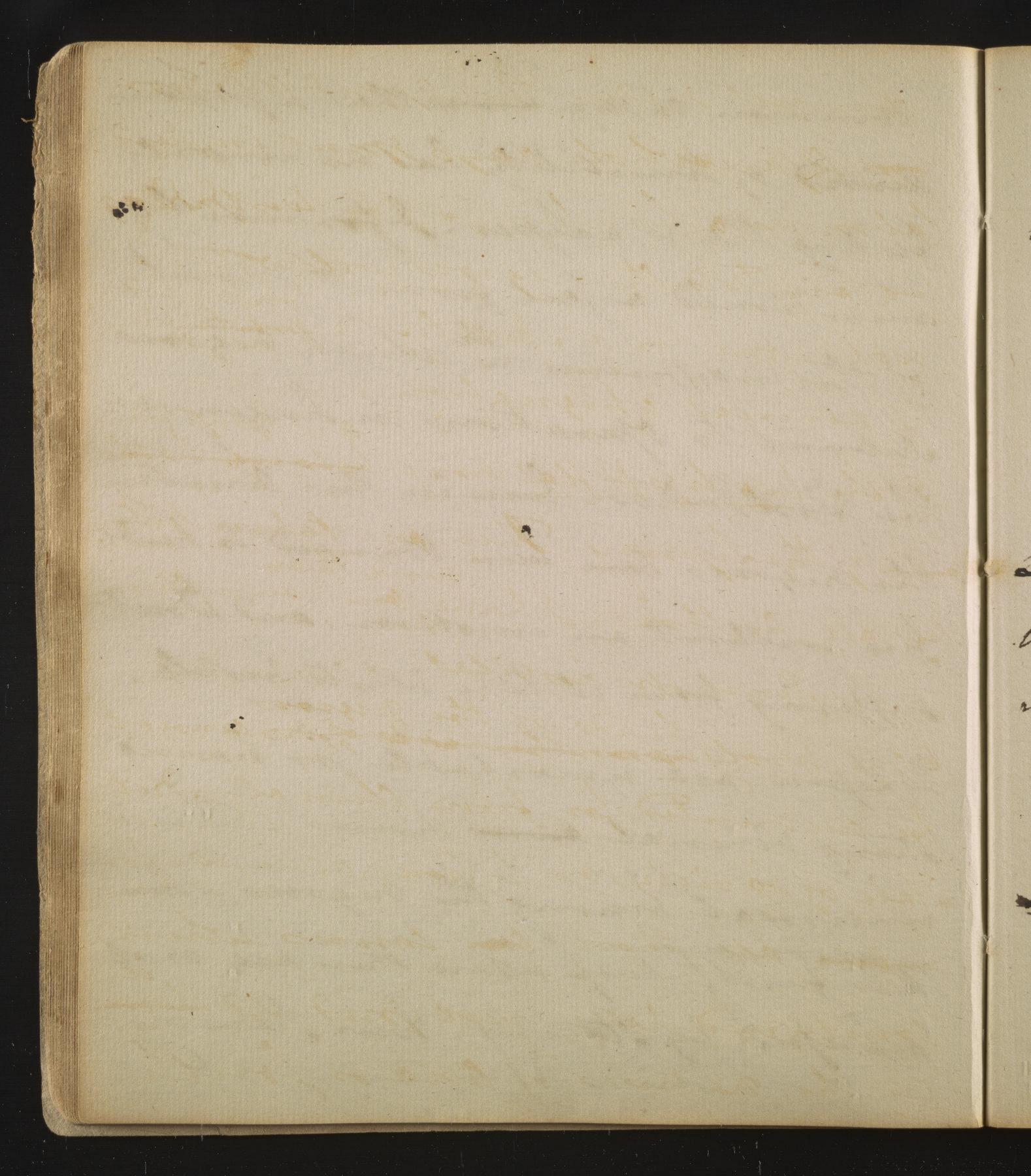
in Spain. I shall give for a translation of his own loveds upon Stris heljut. There are says he alme 20 hospitats fordysent in this province - and I have Observed six prinis of the disorder. The 2 offreries is called the black albaras of the Arabians. The Shir burnes black - thich - It grainey. There are herther protestes - nortubules, nor Jeales nor any thing out of the liney on throhm. The body is not in the linot una ciatro - The breathing is a little Hillimett, to the Countinance has some firseness in it. They inhele Justically a puntian Wioaguable Smell, which I can compare to nothing

V This fruit somewhitened by Dr Theiry com stringing in the hatine african to this day. F my Hankins twhen within in his travels into the interior party africat of They posses the features of the megro. my Hankins has discribed them in the following words. "Their hairse p: 116 - ulso 117-118. - This artles homelles does not stop here - the idea of its being à diseau, and its I selifie vature did not ezcupe hime - hence, he adds, -, whiterests des is worling whiterests of the Skin is com. mon in Sova, Panama when it is suspetuated this many frequently occurs thronges equally great in the hymptoms of many other diseases. The same state of malignment bilions from is Often mashed by black colors in the Stools by apposite

but the smill of a mostified limb! 2 This The Ligarising is described in the Why amount writing a protunal : turne whiteness to the Shin This white : nep is sometimes) in Spots, & again it sensons extends oversthe whole body town of . # The megross in bring plants with blacky Voten while this phenomenal Spots. a frieture of a negro in Virginia mentione - Hurchesworth in his Trongages de ablack Lastahen place has been huppily preserved by present in his museum the pritture of a riegio with white offerts on his This - 3 the typing is although with big It The Lymosy induces a morbid insum: : bishty in the news. for Countries where the diseases in transies prevails it is

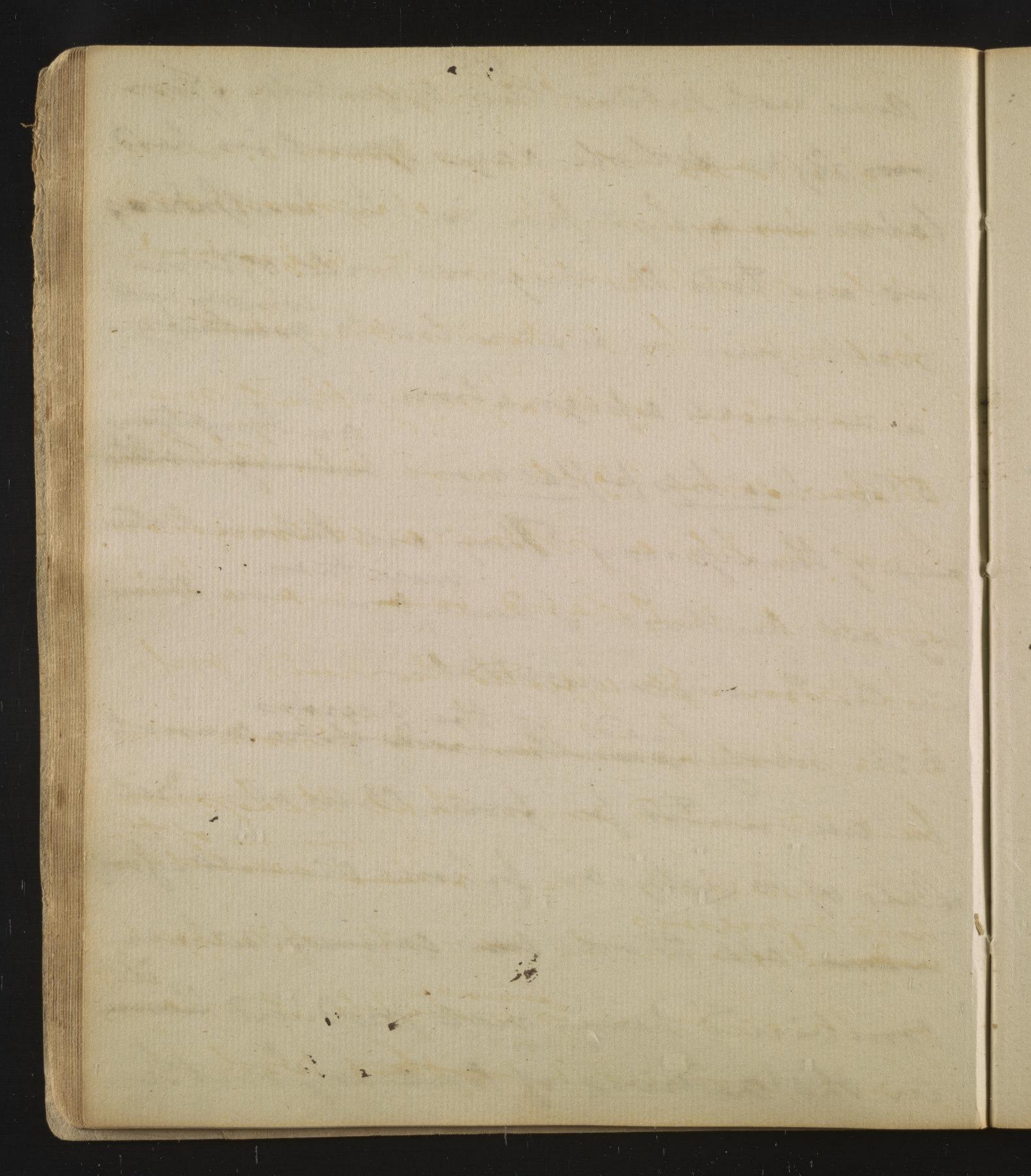
temperature of the skins, & by opposite states of the alimentary Canal. black The original connection of this with Lynosy is susyisted by the following fact extracted from mor Bougan elles Voyage de

common to say mis that a formon duvid of himility has no more buting their harper. I formerly mentioned a jact from De morely of the inhifference in which heges Internit to operations in Lungery in the west Indis. Som in this amonty The megroes have been thomas to handle fire without an unstion, and went suffering from it like white purple. Lepus are umarhable for having Strong benerial diver thisises. This is I heir fruitfulness where they are not diprepred by Slavery. hur Slavery



does not Inborne the apportile, for we folker devlobe days ment in hard labor in a hot fun in the westfriend we are too the vegroes will often with with with five or six willes to got high a runneal apignation.

The his hip & flat work belong to the by all Anthors. I have once them them in the Tennoylv: hospital. 6 The wordy women the men of the amount lu auountes for from Chimate - drit State of So viety, or bilions discussed for were all those be causes where Combined have not produced these in the nations of line or fouth



america photis facilias to the negro. In Here my Jord of himiliants of the Ligney hympstoms of Lynny, and of the puntiunities in the negro body Smil me-but there is one fact in the his tory of the Lynny that may throw some light upon it. The Tricho. sma or plica polonica so common lymptom
formerly in Poland in a was afficies of Lepny. It affected the hair only, in a penaliar ananen. Som this fact it would seem that the Lymny has found its way to that part of the hours in nymes the variety of its effects on the Shin, it is probable it may have produced a hardly burd in

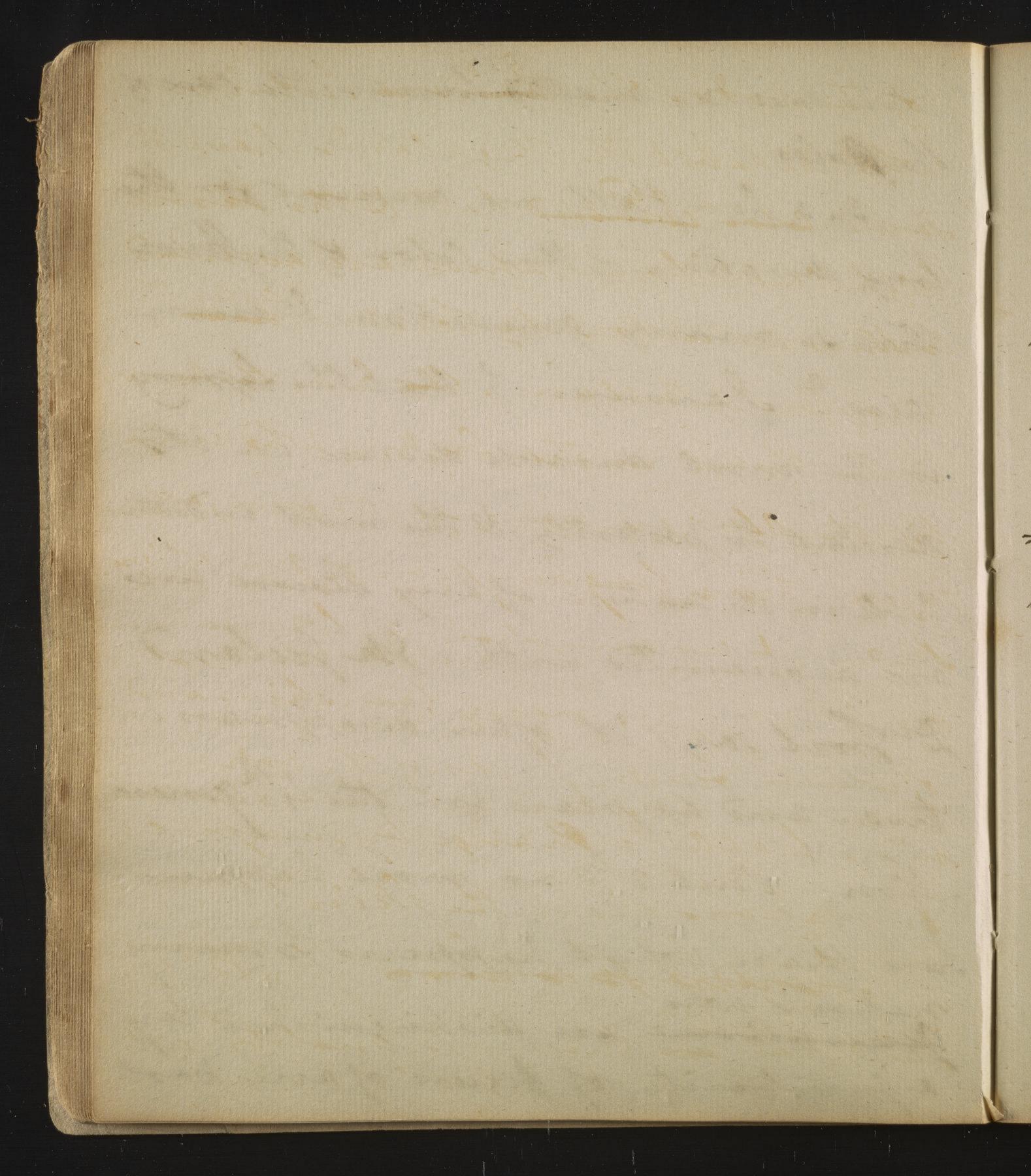
on its affects before it appears
on its a family in madura.

Chadry of a dystoms family manied,

all his Children took the discare
at 16 & died. Her husband then
took it a died, & frinally the disorder
appeared in herself - of which

the died.

Stris case as matter hair in the case of the poles. But how thall we account for the long duration of this Colon of the thin This so many generations & even ages! Samower ; that the Lymony is the most durable discuse in its descent to posterity, & the most indestrue - tible in its mature of any discuse her are argumented with. It freland De Froil says it often disappram in two- and appears in the 4th genera: - tion - But 2 hr no more happuns here than what happens to many questions who are distinguished by a puntimity of figure of any part



of the body. The anisont Sevetch preple who inhabit the Thighland, have the dame Goler coloned hair With same high thuch house which are nowiled to their kneestors by Factors with Invasion of Britain. He him thetumon in the threat in the Cretins who wisher: - bit the also are transmitted from father to for this a long humpion of generations. Snadmels & consumption in like manner an hereditary in many families and of which oursey parts of the body much more liable to thange by surespice generations than the skin. Showlit for in more thruld it be Jaid that the Enfestions quality exists

V But it is infectious - white from the become rash col? after suping long with black men, more especially if they have Children by them. Of this I have heard of two instances, the me in Pennsyt:
the Other in majorina.

in this color of the thines negroes, of answer that this is the case with the Disease at present in Many parts
of the horld hat wasto we worm. micated by Contact. N Thruld it be said that the organico are as healthy & long hired as other prople - I answer - that me no break discusses of the thin affect land the general health of the body, or the duration of human life. Defluing says that the State was very common in asteriale speaks with hissire of the longwity the of many prople who were affected is: it. In the negroes who are now in this of country, pushaps it w:

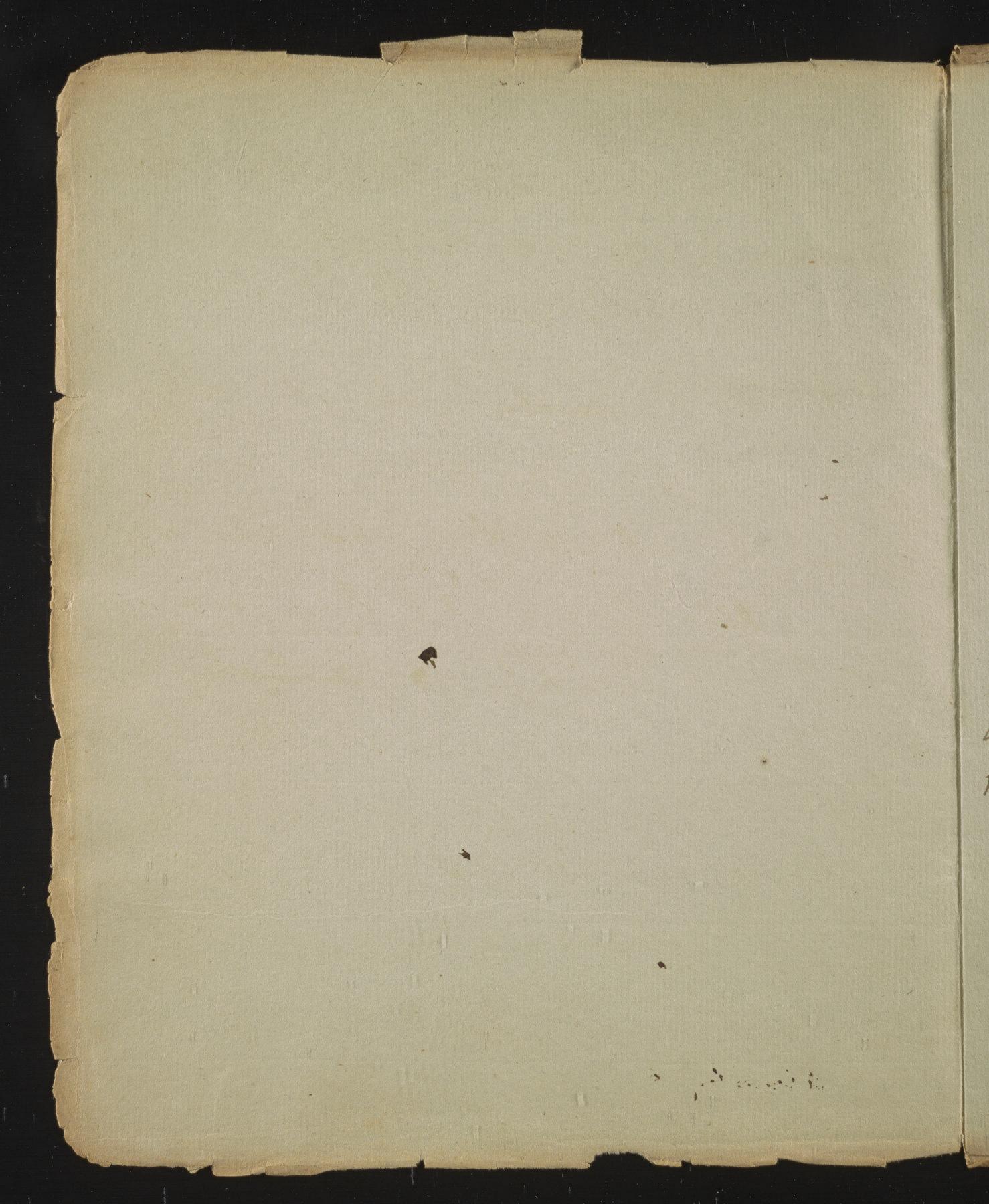
It The Jolor in the negroes is exacted in the Rete mucosum.

be proper suther to consider the black Color as an effect of an evanescent disorder. The isistence of a bolitary lyng. tom of a disease after the disease is and is no uncommon thing inthe a dash Color Often continues many Days on the trugue after the Crese of a bilions fewer, & the red mushs often appear our the Shin many months after the survey from the puell port. The theory I have endeavoured to establish leads to two very natural reflexions. I That all the claims of enjouristy of the whites over the blacks on leve of their Color are found in ignorance & inhumanity. H

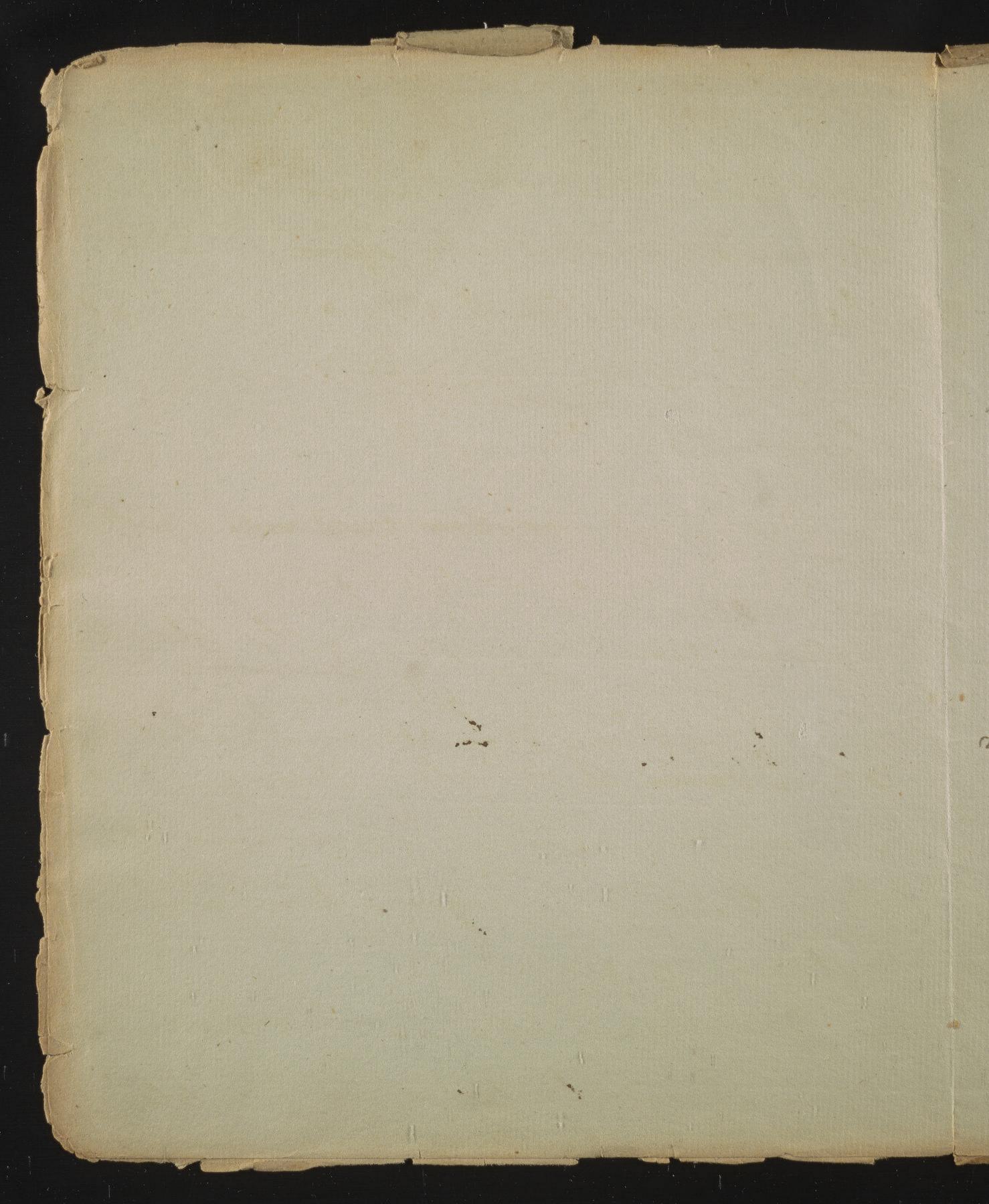
egnality of mankind. 3 of the black Color of the negroes a disease, and are all clisuses conable? - then let humanity & frience combine this strongest efforts, & end carrons to discover a remedy for it. nature has lastely impossed a banner upon this Subject. It invited no to have begans Sportaneous Comes of this disease · of the Shir in sensal blush purple in this Country. In a certain tenny Anofo who lately travelled this this city, and was exhibited as a flow for money, the line was meanly com: -plett, The Change from black

the color of the negross be the effect of a disease, instead of inviting us to typen mire over there, it should entitle them to a double postion of our humanity, for discure all over the world has alz ways been considered as the Signal of tompapion. 2 If the thirty I have delivered should as benow of a sipterent thing, ing ups that we the receiptity of heighing ups that he bringing that des prijeries organisot a sometime mich connections with them as would tend to infect prosturity with any portion of their disorder. I This may be done upon the principle of have mentioned without offering any violence to humanists, or colling in question the original descent and natural

to a natural white flish color ligar about 4 years ago at the ends of his fingers, and has estended gradually over the greatest past of his brity. The froot the which formerly proforated The article in this man has burn Changed into hair. - In Change in the dit, drinks, drefs, employments on It nation of this man, had taken Tolan meviously to this Change in his flying. But this fact does not artificial anilitate against, attempts to dislodge the Color in augrous, any more thank the Spiritanions times of many other discusses inititate against the Else



522 of endrane in the prastice of Physic. To direct ingrision & expensionents ignor this Subject, I shall throw out The following facts. I for Hunny boursely anop, the colonways first who from the Shin in those places discharged from the Shin in those places first on which there was most prupme from allo athing, or altistion from
the trink of boy, to thigh, and
on his on his broy, to the black
fingers. The distruction of the black Color was probably occasioned by the coloning matter of absorption of the rete mucosum, or pushaps by the sete mnecosum itself, bor presponse, it is well known aids the absorbing of the Lymphatics in lung



part of the body. — It is from the latter as conse, that the palmo of the hand. of nigro women who stand spind their liters of art a washitup are yoursally as fair as the palmo of the hands in labouring white prople. — 2 Depletion bus midnest whether by bd:- punging, or abstirence has a certain effect in lipning the black Color in regroes of many facts induce me to believe y issid in an alteration med it we 3 cary Lepnosy: A similar Change thoog a more temporary nature has often hun Housed in vignos from the inshum of fear. 4. De Beddoro tello ino that he has discharged the Color in the black

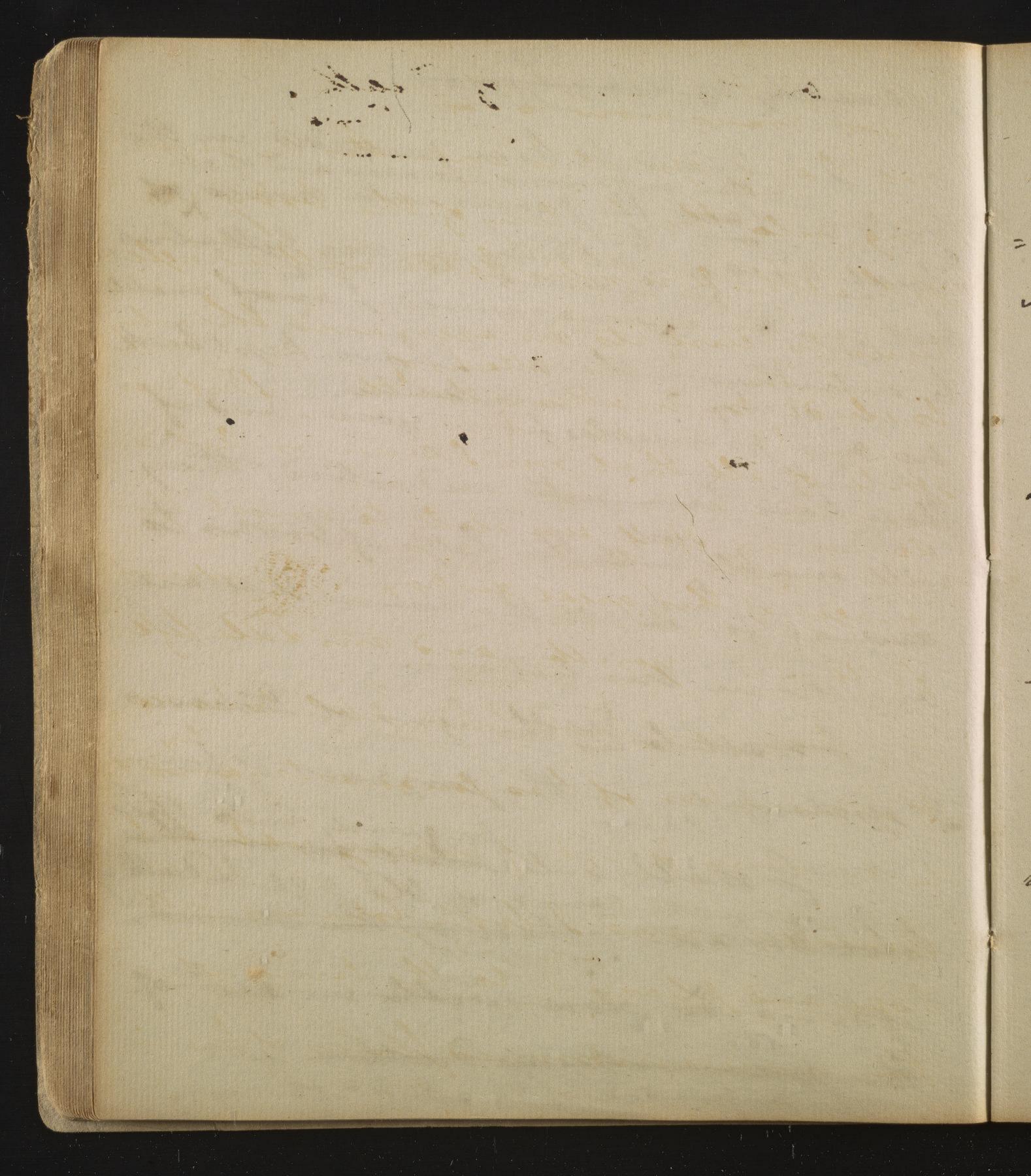
I'm them produce a large portion of happimy in the world. we shall I distroy One of the arguments in favor of the Como incliving the megnoso, for this Tolor has been emphosed toy the ignorant the divine the divine of divine the divine of divine of divine prince the judgements, of heaven, judgements, of heaven, It by the learned to qualify them for con. - stant labor in hot & unwholoane Climates. 2 her shall and greatly to y. hupoprinep, for however much they pre. - time to be outispied with their Colors there are many proofs of their preferring that of the White propole. 3 her Shall runder the buling of the whole human sace lening desembed from one pair, but more easy, &

5-24 bool of negroes by infining it in Oxiginatio musi ates and, I lepaid it in by the same means in the hand of a negroman. see Kammis, jart p:120 5 A citizen of this Tho a citizen of Philada upour whose Ursacity & have presjut schance apared me that thehad one seen the Skin of the Side of the theek inching to the Chin, and of Stat part of the hand in a negroboy by the juice of ungripe peaches troite of which he was very fond of eating) fulling & nighting frequently upon those pasts of the body. to ensumage attempts to cure this disease of the thir in negross, let us recollect that we shall by succeeding

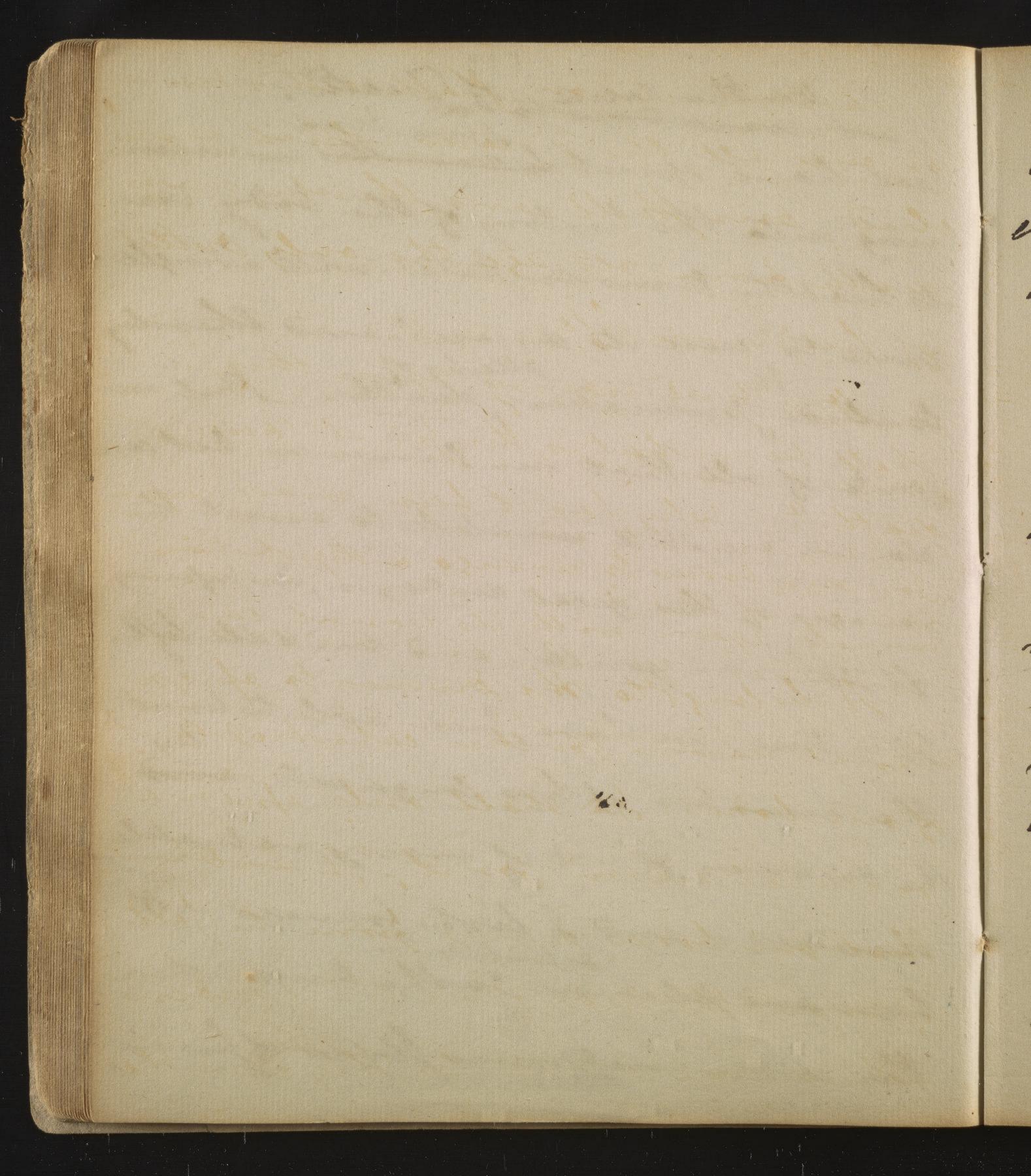
minersal, and thereby not only add wight to the Christian remelations but remove a material obstacle to the eserise of its that downing prisept. Its. miversal himwollines which is in 2 culcated by it. 499184, But 11. 6. · 6 48

V Blo age of the effect of such a decay of or loss of the Sensibility de contractility of the body, as to sender it incapable of emittines ruining of proposagating The motions of life. This huch is the Change in this respect indued on the Solids, that they some of their Viz: the arteries are sometimes con : vested into bone. Seritement beseit? are both exhausted in all age, and death from old age is nothing but a general palsy. I said formerly it began frist in the Eyes, & Sprineter of the bladder.

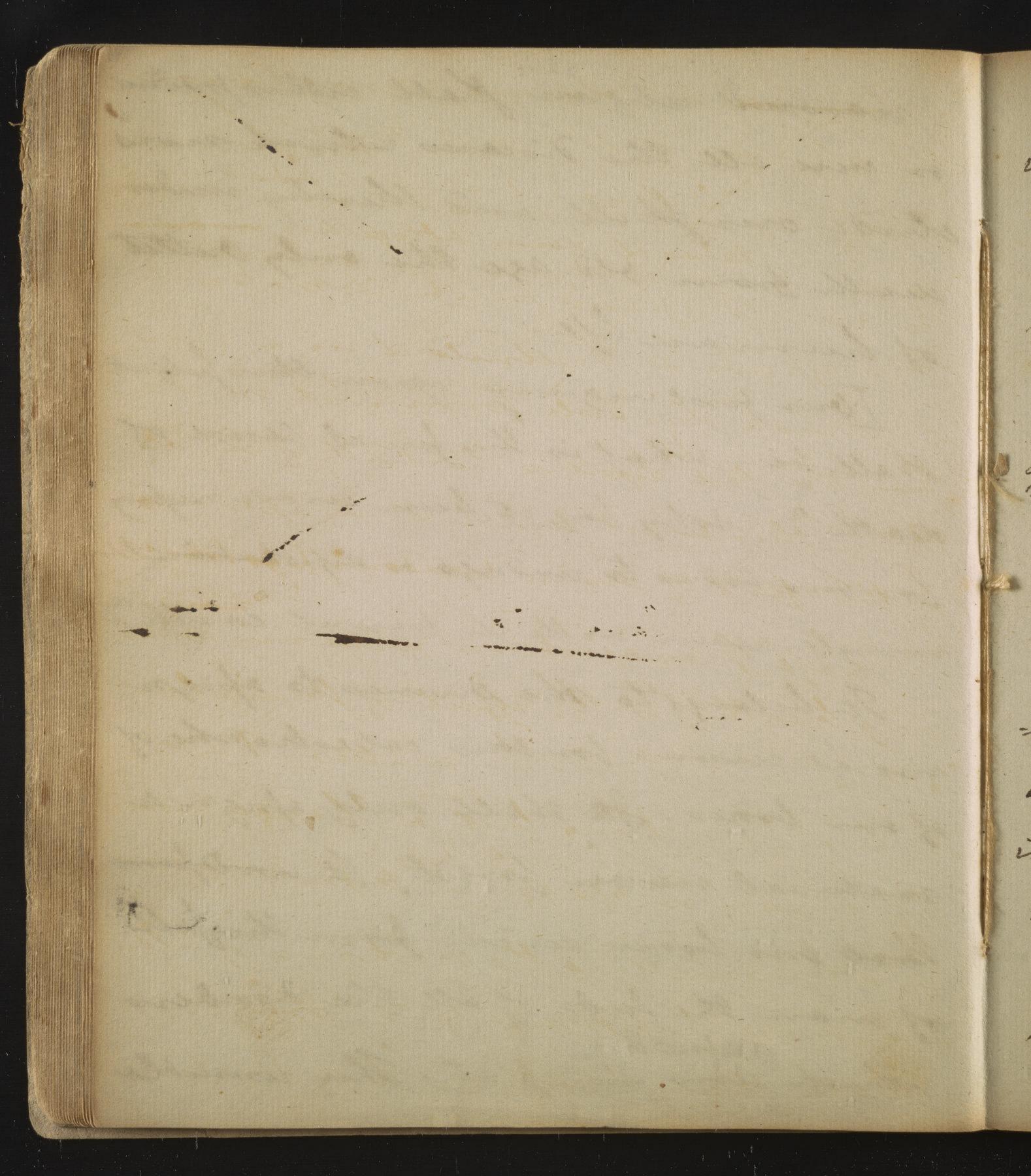
constity of man finds Jintended to have proceeded in the other cut answer discasses and of all his tony of all the proximate courses of that are that are our hyllabres, I wont findly being expired, I would unable but our time, being expired, I would unable to enter upon them. I have kept back to one principles from you - and if These have been well understood, they will enable with the helps of books to account for the all the Discuss that are anvilled in our lectures. I shall for the hims of Diseases I spoke fully in the prognoss of fevers, I shall only relate for what. afterwards, close with an acc. of the prosince to Dente 22. -



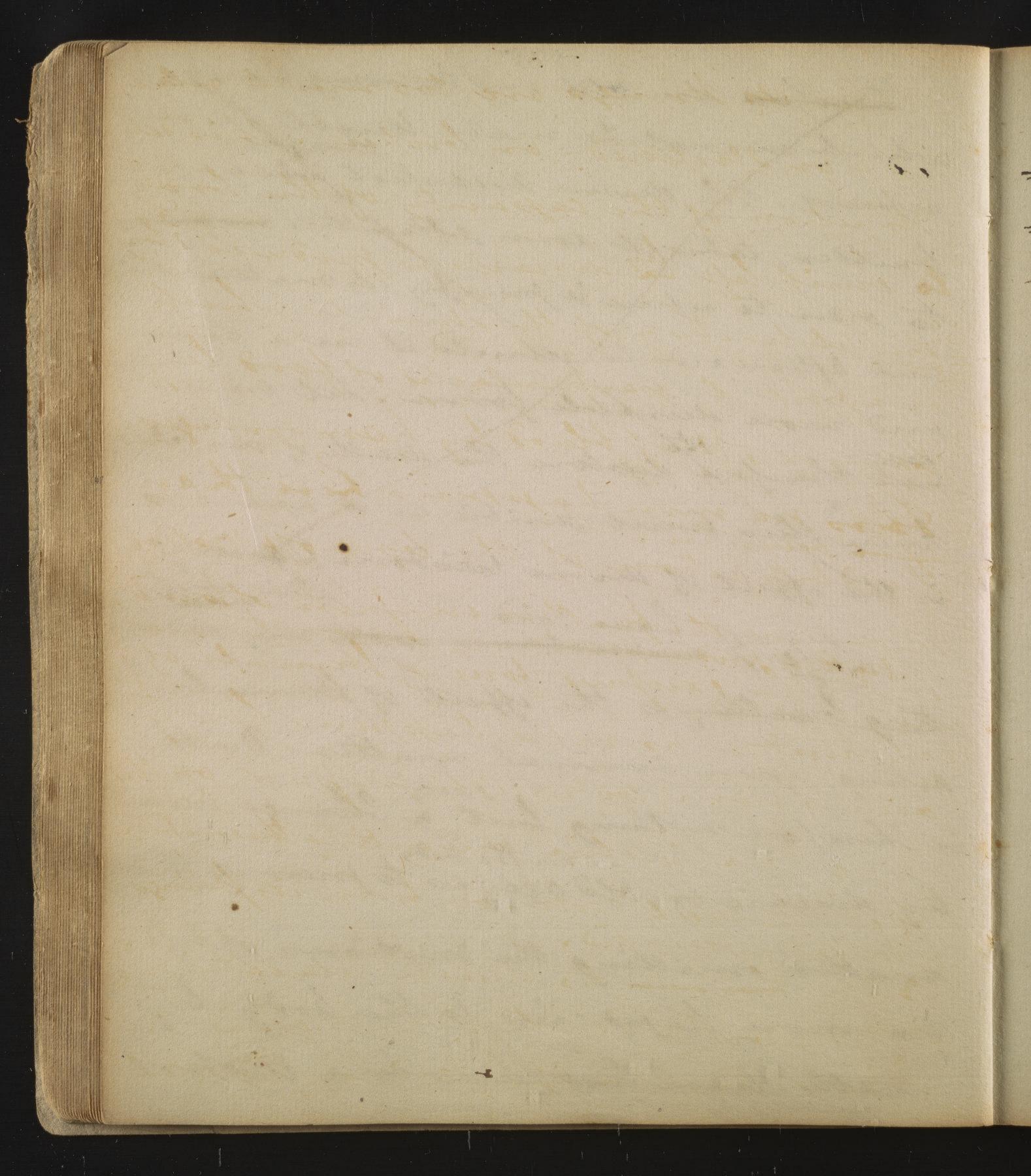
me have spent to months in inquir = ring into the history of the body in its healthy & morbid states - with a single view to cure its diseases, and thereby the the attachs of But in to close prematies e death. But in sprite of all that over Summer or lest can do, we are still unable to assect the ranages of this great destroyer, in Infancy - Shitohood - youth - and middle life. It is true - we have been able to limit the number of his longues to mind the discovery of use of many valuable remedies - und I look formand with hopeward pleasure to the time when The more improved states of sience,



reasond seligion, shall either prevent or ence all the Diseases which now elnde over thill, and thereby muder death from old age the only buttet of human life. -Den finst ingung upon this fuljut Hall be - what is the final Cause of death? - why has it been made neupany for our bodies to undingo a difsolution & mingle again with its parent earth? - It belongs to the Divines to apign moral reasons for this catastrophe of of our bodies. It shall only upigna routieral reason for it, It would from Host our bodies derived from the fall of man the luds of all the disorders which now dishelp it. They resumble



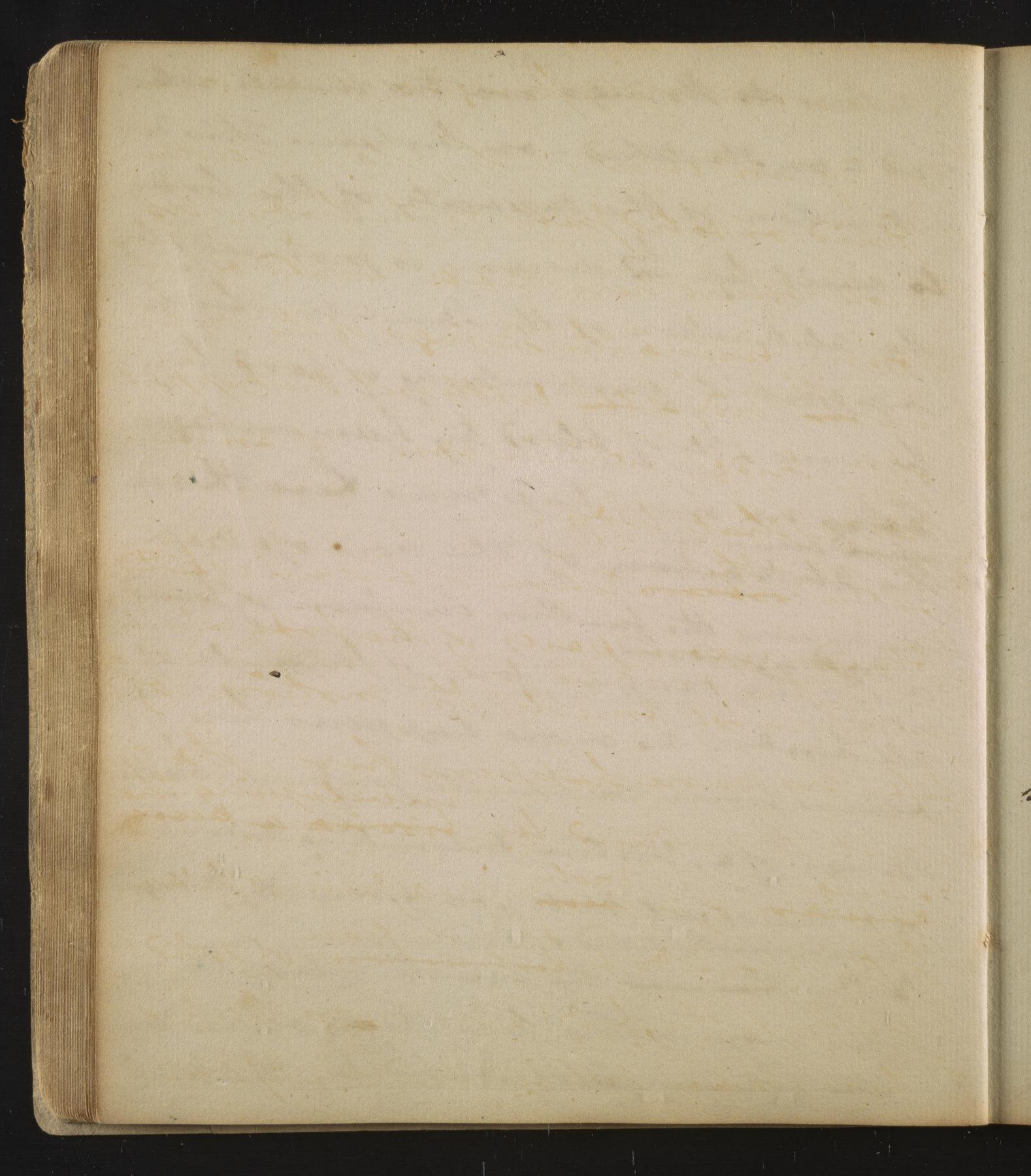
thoughouse an old and tollering house which summet be made timable fly any mobile of the wise repairs. He divine Architect Sibe a wise builder, takes it down altyfelther inder to order to refine be purity its materials, and Afterwards to albuild it in a new and more durable form. Let no us cease cease therefore displace the death of our bidis. hum this event timble as it appears is the offert of divine bisdom Door Deside Life & some said with my them ting breather, is the effect of firmuli setting upon animal matter. Death is therefore nothing but a Change indust on the body to prevent this by discuse or old age, as to prevent this matter emitting the motions of life. no more happens to the body by death than happens to a Violin



when its Strings are too much relax. - ed - or stretched - or broken. This de-- struction of the capacity of the body to emit life in diseass is produced ily the abstraction of the Stringli which support it, particularly of food by Gamine, It of blood by hamonhages. This no more happens here than when of the low of a Violin, distinging the further enripsion of found.

Duth is produced

2 By the exuprise form of thinnels of all hinds. As more happens here y: seems from too much mepure on the Strings of a biolin merenting themission of a musical note, or formits things being overstretched. 3-By the war too much relaxation. - no more occurs here, than occurs in the extriction of Sound by the total



relaxation of the Strings of the briolin. 4-By an error in the place of certain This or so his pasts of the body. as more occurs here that would occur from fixing the Strings of the Violin on the brog of the without the hopport of the bridges which raise it an inch from that body. 5- By costion of eistein vitiles bluids upon parts of the brity which unit most fourthly the motions of life. no more happens here, that what is produced by fining a peine Strings of a from in a price of Way. 6 By hounds & the Lolietion of John parts of the body. One more lacities here than whom the conspions

V the Convulous & preternatural death, are the father of the mains of the V he short - lappens to the body from the destruction of its consistency & coheren than happens to a Loudftone which when broken to peices ceases to proper the usual qualities of a magnet.
The prevalence of the body by death is generally accompanied by

of Journed is prevented from a Violin, by cutting its ftrings.

Alastly beath is produced

J. By rigidity and even an opification of the bolids. Death from old afferies from this Carrol. - The Solids refuse to yould to the impressions of thinneli from within & from without. no more happens here that would happen, if a Stick - or a pepe stern were placed in the soon of Cat gut upon the body of the Violin. Death then gent is nothing but on inability or in comparity of animal matter to receive, and presence the motions of life. Every - bale - mistionslip - cold - and

pain, but there many exceptions to this semant. This I took notice of it formerly, and added that I believed death often come on with pleasurable finsations. The hature Ofeat of a disease has a great influence upon Death from the the pain of dying. Diseases of the enore bowels is for perhaps the most pain. -ful than for when it is realed in any Other part of the body. The margins of misibean who died of an inflam? in his bowels declared that he "felt in a moment the panys of a thousand years. Trest in pain is death from a disease in the below his hop we bender the best of of all bedder the best of the all tending by pretrefaction to a level it.
with its native carthy matter. ___ we are soon to be seperated, from each officer - never probably to meet again - in the exact relation we motain to each other upon the Hats we now accepy in this room. - not so - the particles of matter which comprose our bodies. After lying in the agrance till the deeds of weatheres and disease, are totally distings, eradicated from them, they shall again be united, and many particle which comproses them shall accupy its former place in a new and a some durable survival & survival & survival & forms . The analogies of this runnion I munerous in the works of mature

in the lungs & liver. Jehall hercafter inthe Progravis of fever describe the Symptoms of death, & Shall mention the means of telpning or distroying its pains attogether - for this spential of a Course of lectures is an part of a Course of lectures on practice of physice. It has his - ther to been too much neglected, from a mistahen idea that the busines of a Mysician is only to une Discares. His busines is to lessen brunian misery in all the forms in which it all auch the body of main: "- Isthaild only and hen that Death from till tope is attended with no pain. It is

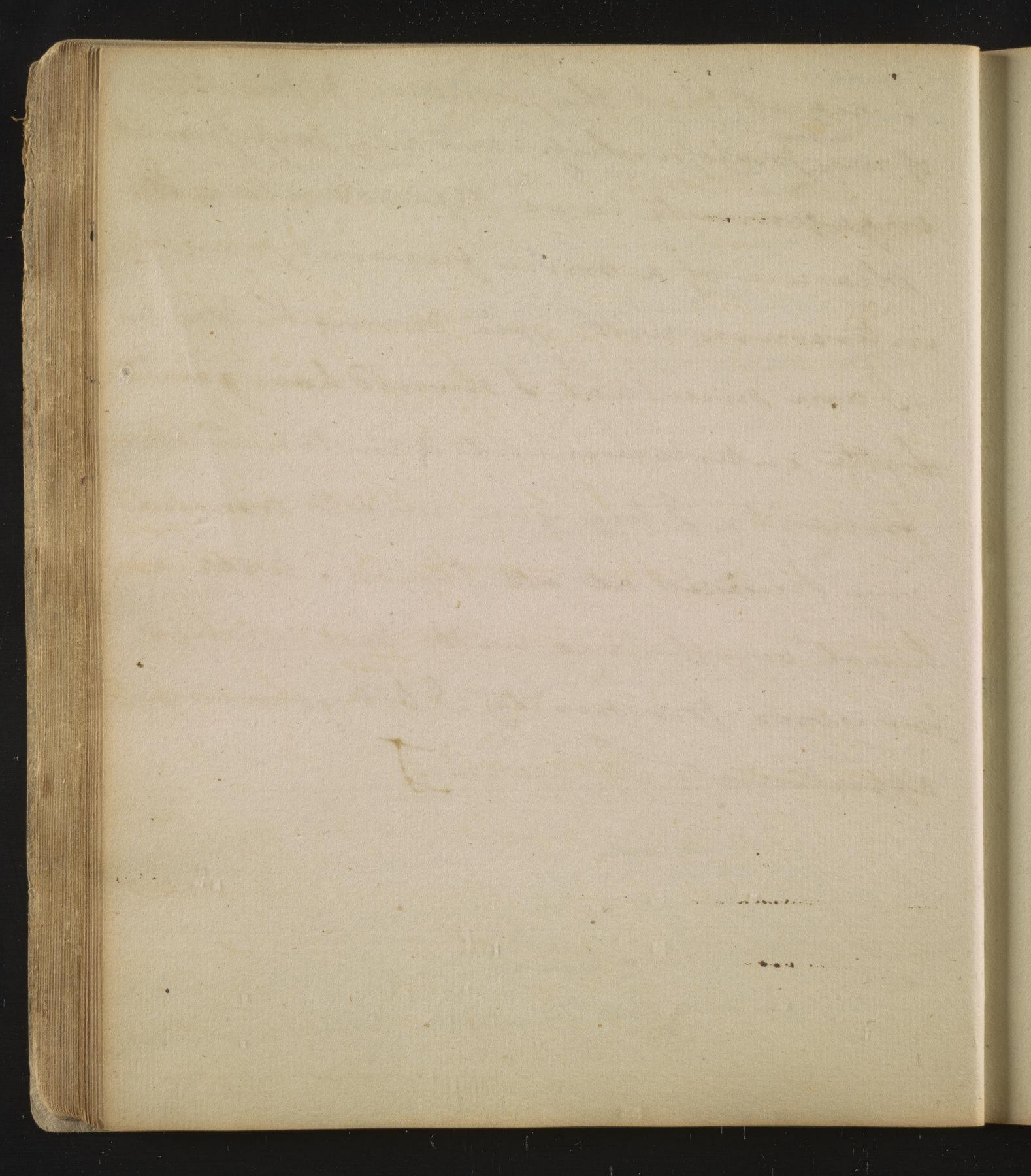
& art, that to a candid phailosopher it would not have been dumed a thing incredible that god thruld vaisethe dead, - wen the revelation had been Dilent upon the Subject. To a Christian the muspeet of the recommention of the body is calculated to buyet bunishing of the structurat pullars of fries hope , and Lato sheriolo borgere, and to surject the the best comfort in affliction bedily of -- Hickion - But to the Posicion of a Physician This prospect of a future reanimation of the livery must affend dentities a Imple portion of least pleasure every time the comfort of a character interest the best of the patient waster of crouds of his friends by pleasure wester from his hands by dischal and death. He considers the triumphoof win this case, and the his lives

" comes on with the gentleres of Shep. In a more vingsnoved thate of man kind, death for hele wis predicted in the finistenes, death from old ge will be universal, and of course the pains which now attend it will be unknown. are not a The Signs of death - next Cold, as repation rest coldness of the body, not even putrefare. I prelose - white the body nos even putrefare. I taken segmentely long continued appraisance - tron - but a long continued appraisance of all thou Signs ported L Haller - de especially justrefaction.

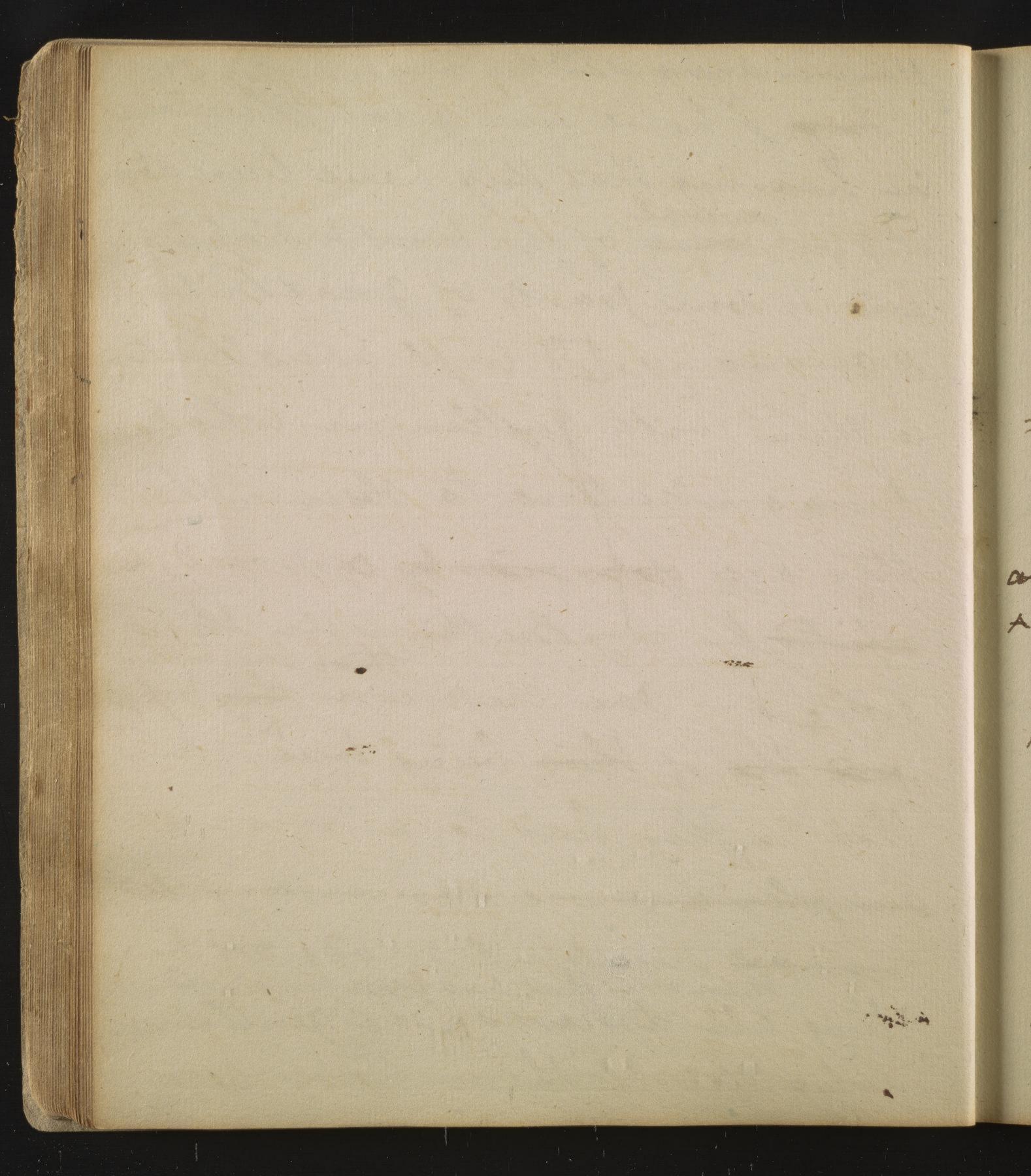
Jour and to the junglish morning of the resummetion broken his sugarted patients and fellow citizens, from the Heefs of death, that awaher from capable afterwards of sure - healthy - and for ever afterwards. ust of and brimstlet an immortal retaining the ftring of life. -Divith this me close our letteres for the present year. Augst of my Staules for the attention with w? you have howered them. There undy to Excuse their defricances, & ascriber them to the most of Difficulty of my hely uts. I danie to Beamin the new principles & practice I have daught your with besenty & candon, tond if have teen midtaken in any thing - consider me of my enort

Before I constant in summend to your to more to take a frinal leave of the University, not to Juffer the time of provetical duties of your mosepion to interfere with the Study of medicine. le Physician who genes cour reading when he enters into practice, with aften be less vise at 50, than at 25: It is in consequence of having observed how much Practitioners of Physic are disposed to lay aside their books, that I have downe times proposed that Degrees in medicine should be given only they should be for a limited time, and that a thought is another provided it appressed, that the candidate had lost no part of the montes during that period which entitled him to his first degree.

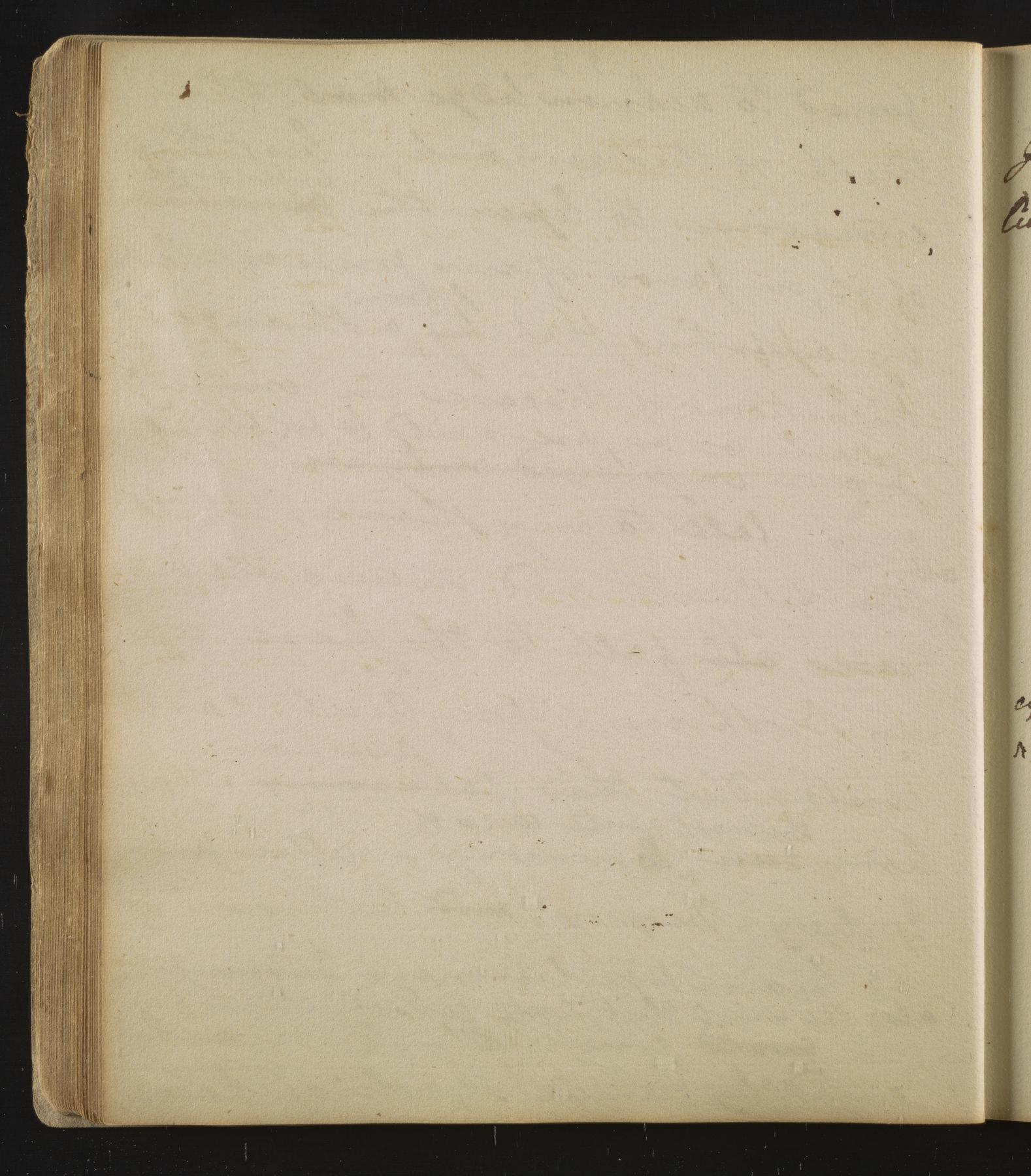
I regret that the preciolier difficulties of my frisfessorship, and my professional ingusements have deposited one of the pleasure of a more frequent/mivate intereverse with you During the Winter. - Sam sure that I should have grined Lester entertærinnent & instruction fromit. I beg you would command my duricus at all times. hith a heart overflowing with best wishes for your prosperitty, I bid you am alletionate handwell.



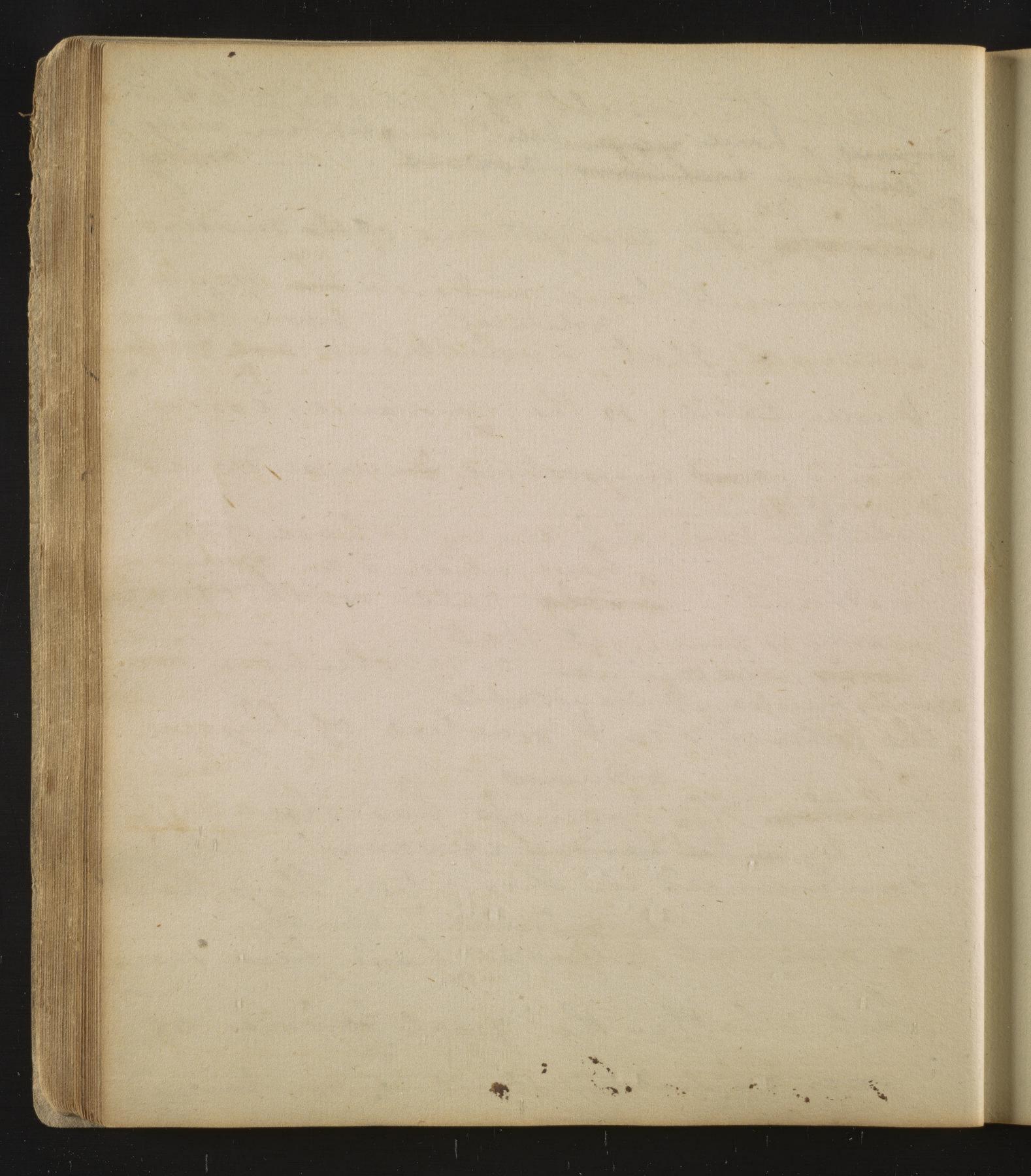
However unpopular they may be in this eity, in hearing that they have been adop. to in Jones of the west proriablands, and in downe pasts of Great Britain & germany. Let will be no Objection to them with gentlemen who know human hatfire to observe that they are opposed only opposed, for sefected by Day Brethren in this poinciples these poinciples city of One Creterion they popula and the of their being true, and that is, they lead to a more dungole, a more duransmay, to than any that has beginnings ord. -ting all diseases whe gentlemen who oppose them, have been



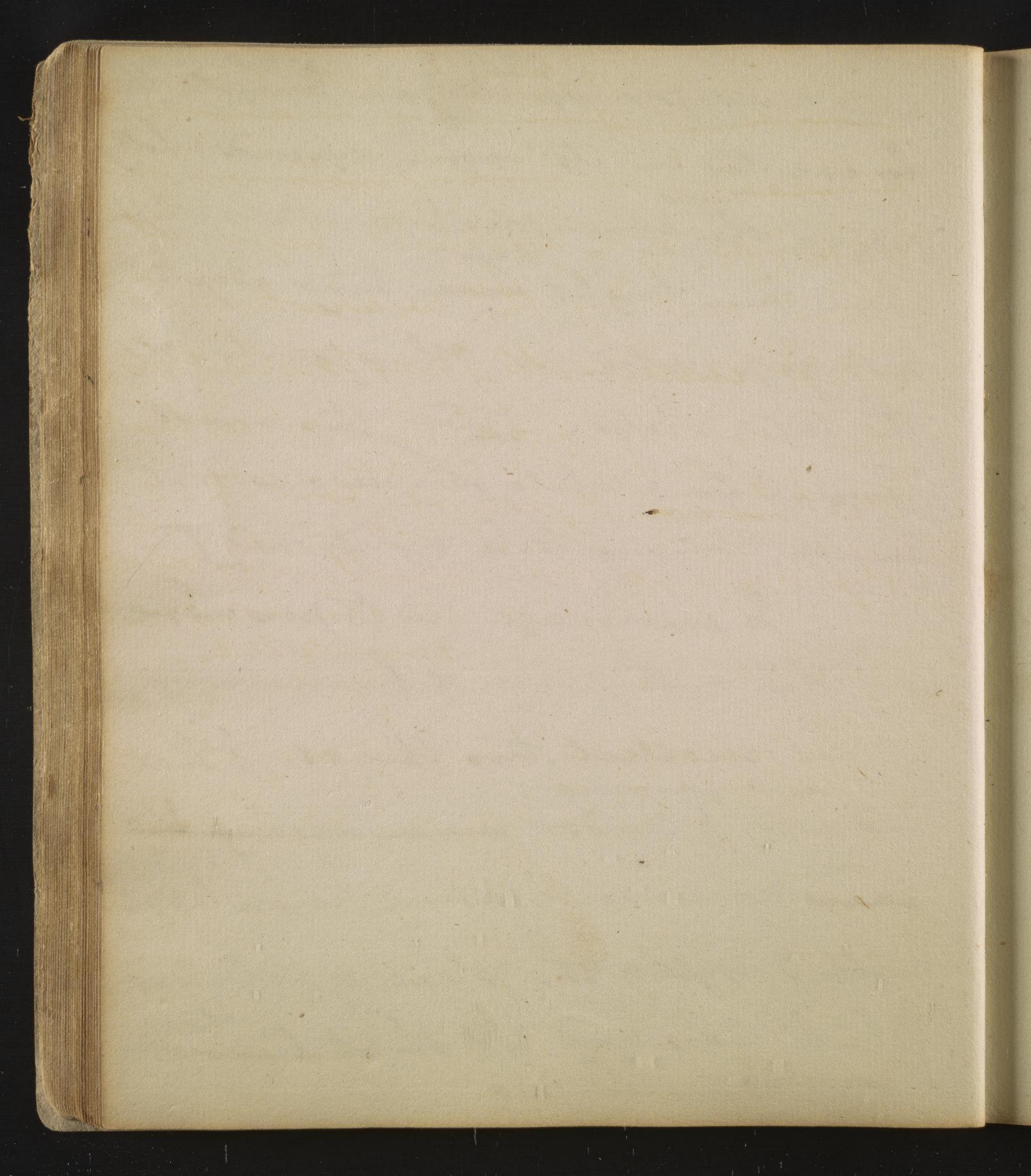
forced to achimm hoge that the touth of this runnsh - lint they influenced to lipen the apour tion of it, in favor of my formingsles, by aparting, that by adtrangedis. tribution of chiseases in ome with britishing only, fall to my thank, while Atto difficult and incurable dis: = cases all fall to the those of my Brethren. Your gent: care
contradict this Calumny. You
themost aute cases of
have seen Prenny - yellow fines, Epilepy - Dropsy, and Controver of also the most obstinate cases of interin buys all completely in measly cured by Remidies, which have



been the result of towneight in my tanglet in my Cutiques of the corruptions of the modern governments have sindered the opinion have become universal, that sevolutions are newpay I inevitable; so the ignorance, cooss, frand, and imposture timpudence brundens, which forevail every where in have whoend an opinion medicine, landly call with equal grally necessary & inevitable of Physic. by in the hands of a few men commenced in this city. The pillars of anient prejudice have been shall, but whether the great balonic of error & falschood shall be overturned,



and a simple sepullican temple be be exceted in its room, despends wholly upon the principles be goractice which here have been taught have, being adopted and denjoposted in Other parts of the United States. Ettere they must languish, for a while for reasons that are too obvious to be mentioned! To enconrage us to pessevere in this enterprise of humanity, let us secollect two things. I that in acquiring to candor in acquiring to Law Communicating knowledge will supply the place of splended Abilities, and 2 that divine



providence generally makes the of week the wood of instruments blessings to mankind, frequently makes use of the treakest, and most useworthy instruments for that purpose, in order that the gratitude & praise for these blepings may be wholly his own. go bachto 532 -

V Under this gent: I shall introduce not only an explanation of the course of the figure of chiseases, but make duch inferences up from them upon the probable if we of a disease in as have they the result of any own life or death of the prognosis in disease show they no means a past of the duty of is by no means a past of the duty of a Physician. It was crept into medicin when the profession of a the Priest, & the Physician were united together The

of the figns of Discusso - & I as they appear in partial debility, direct & indirect. I need hardly name these figure of debility. They are an inability to perform Ha motion. I exclude pain in motion or exercise from debility, for pain is always the effect of worbid excitement. The figns of debility whether direct or indirect one so exactly the same, that they can amby be distingwished its by taking into Consideration the causes - and the habits it attaches. it Itages of the fiscase it attaches. when these is comstances are attended to there will be no danger

V The greates the is by no me ans the fign of danger. We see it in the beginning of more chiseases in which the System is strongly impregnated with exitability. It is sometimes attended with danger in the close of r diseases. many prople die of debilitz, or after the removal of the disease with created it. It is of consequence to know this, in order to prement cleath by obviating it.

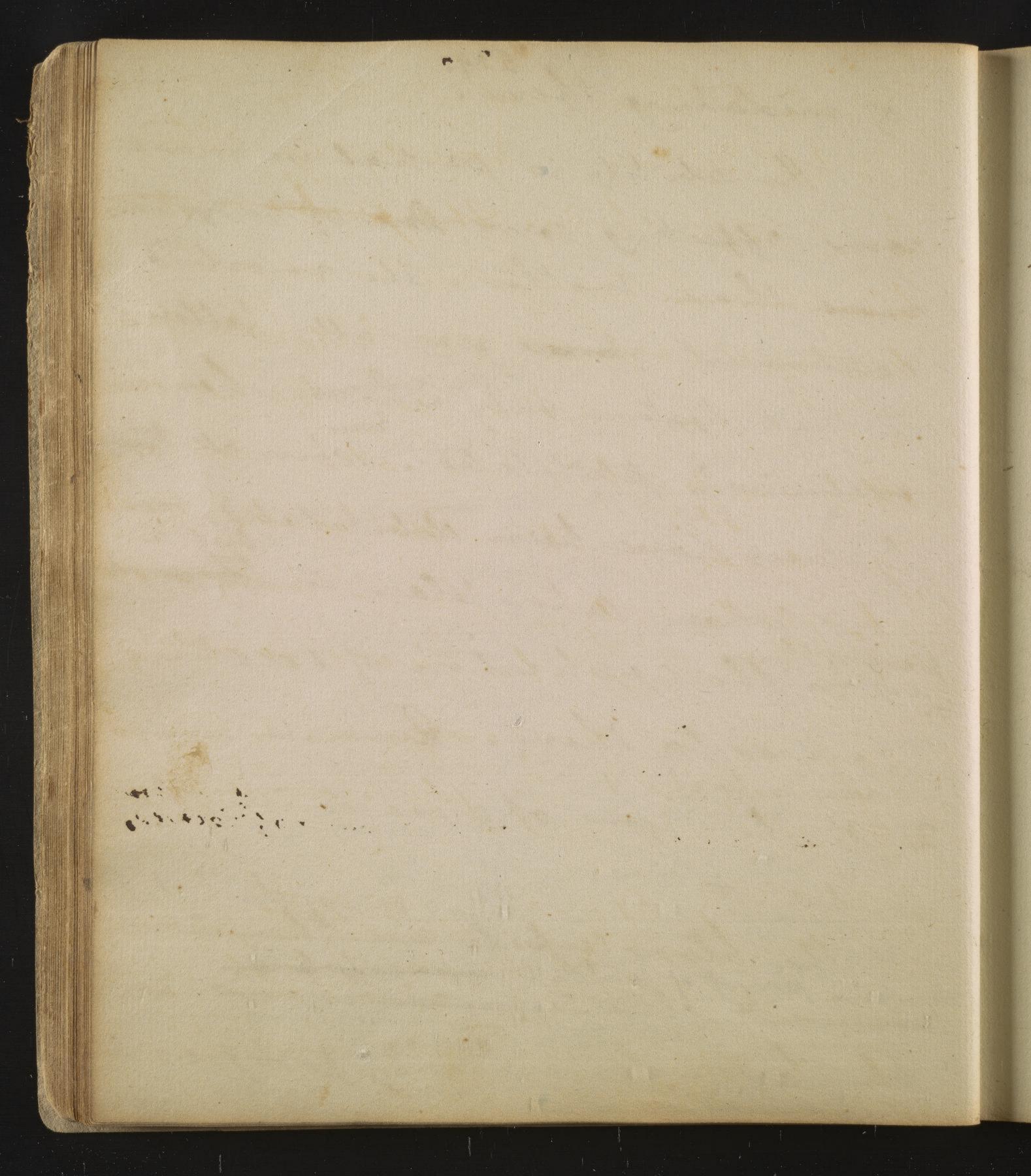
Having Hohen of the downer of the pulse to the arthuries of the feets of on -de

of mistahing them. The debility is partial in most cases affecting some Done of the hystems more than Another. The morbid existement about generally follows in that hystern only which hasbeen sween sween swelly debilitated. When all the Systems have been delistitated, more
- his action takes place in thousand,
part of theme application of existing causes to them. Dumender always 2 of the ligns of diseases in the The blood leefocts are the primum

much in point of whility or imports 44 bears in

minary

minary the body. It is highly proper



therefore to seek for the signs of health part of the body. The pulse is to the blood sofoche not only, indicates the State of the blood refrets, but from their intimate Connection of with all the other lystems, it indicates more on lep all itz morbid affections. In Short, the pulse is to the body what the dial plate & hands are to a watch.

The tells is all that is going forward

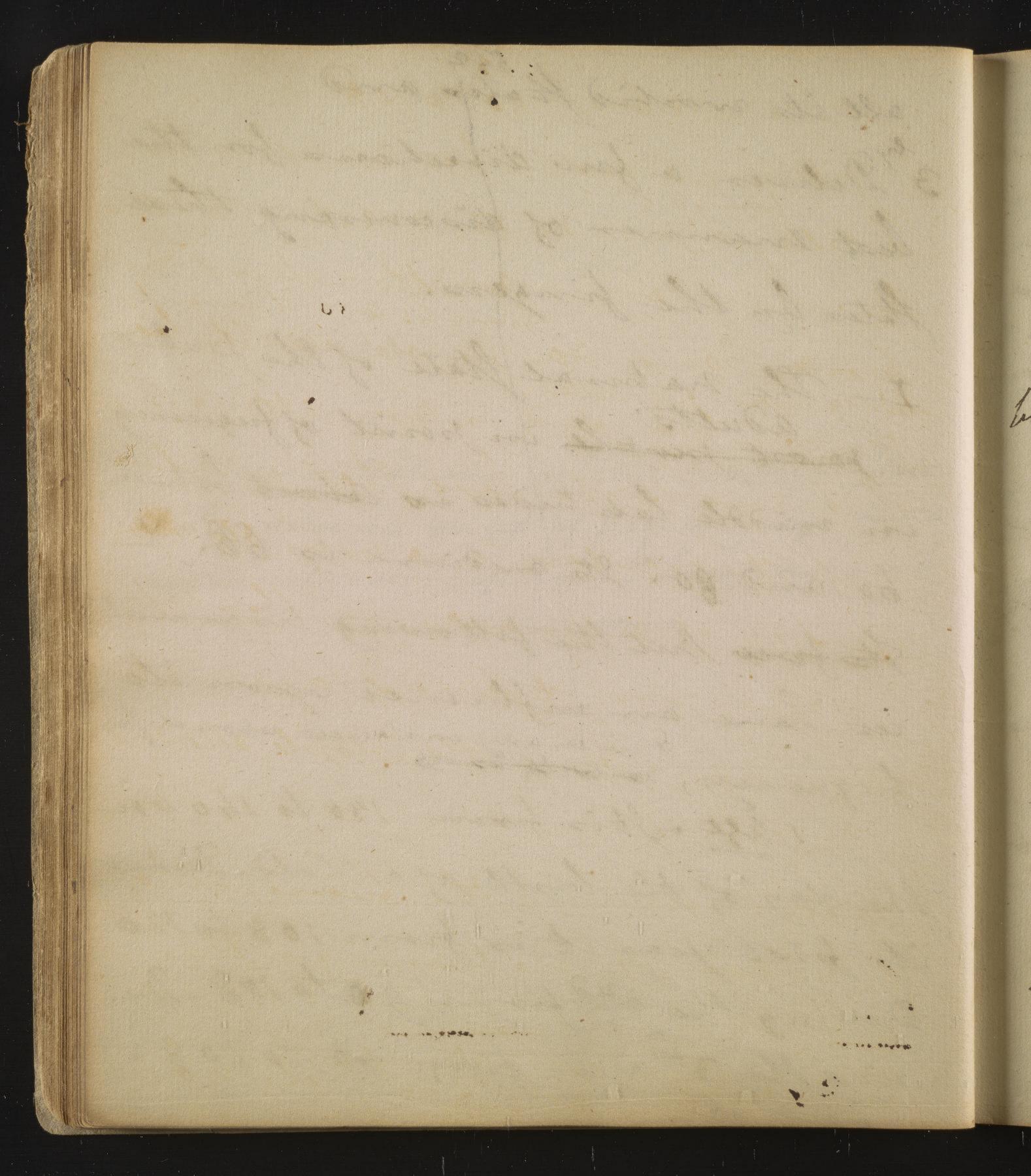
If hadre. in the body. It is the above all others ligas the prosonneter of ameasurer of digences, ligas the prosonneter have often been distinguished by their predilection to particular Symptome by which Strey judge of the State of the hystern.

the our introductory between Jenenti? the difficulty of relying upon any one of them. [ryseat them] V It is Immewhat surprising that Stippoerates & Celous knew and say so little about it. Jahn was the frist Physician armong the ancients who attended to it.

There was home been to there are so Some have chosen the House some the respiration, some the counterrance & some the exerctions of Unive, feeces & spreat. min my swore of martie where of these ligno, but it fixes with its primises al attention upon the pulse . my pupils therefore I hopse tihe the will be known every where by their knowledge & prédilection 4 the puble in forming a judgement of discusses. He histories this fulgut I shall I men thon the facts which belong the history of the pulse in its hatroral State 2 & shall mention

V The pulsations in this natural state of the pulse in porint of frequency, are fact equal intervals - soft fopen drigosoms, and free from a Sense of resistance.

all its working states and 3 Deliver a fin dipertions for the best manner of discovering these States by the fringers. I - The natural State of the pulse in smort prople in point of fuguency in middle latitudes in about between 60 and 80. Its medium is 66. -Hofores But the following his comstant frequency, and the transfines upon its fore. 1 age . It is firm 130 to 140 on The day of the birth of a Child. During its first year it is from 108 to 120. During the 2 from go to 108. Du. = ning the 3 " year from 80 to 108.



It continues at 80 46 108 during the his W6t years of its fife. In the fyear it salls to 72. at, and after 12 it is the same as in Adults which is from 45 to 50 it is saily from 45 to 50 it is saily below 78 according to Hallet intermitting. This - comes stow, and intermitting. This is so much the Case that a pulse perfeitty regular in a very stoman is a Sign of af chisease. The flowness in tome cases, discends to 42.30 I erem 26 in some Old propple, according to De Heberden. 2 fex influences the fuguency of She prelie - It is a hours gricher in women, the an in towner. 3 Different States of Society, or

+ D'Douxion Lovape a physician lately from Trididad informad mufling 24.1807 last Thumer, that the pulse, of the Indians on that Island, and on the Constof South aminea, were uniformly tops frequent, than the publes the former it from 55 to 60 in the letter from 65 to 68 in a winete. F bee miligning out The same asult took place in the Plate of georgia in this of minters of exp made day methy mentions upon the pubes of a humber of Indiand. They were it is true higher than 60, but less fuguent than the traders who lived among them - and Stitl less frequent than in the log towking in Some attended the treaty with the transfer for many took of forms Coloney has Contradicted it is his bries of the land the busines of an lying the contraction was present at may the land of an extension of the pulse of an Tudian Chief only, who he whose hat who how oursionally anning civilized beetele, &

It is slow in all Jarques who want to act upon this bonies. Duty

to act upon this bonies. Duty

in this lity

8 Indians out of 19 in an experiment

8 Indians out of 19 in an experiment

I made a few of the position of frohes

in a minute. for one of the person

in a minute. for one of the person in whom it was more frequent, had been sitting by a fire, and the Other I found afterwards was the Son of a Frenchman, by an Indian mother of go to 1. of new loviding. The Country whose minds are

V/th is quiches in a frame, Elimento Than in a temperate & fold Chimate, dit is quickes in new compres in the Wondies than in old inhabitants, - and in newly imported, the are in owflowers under equal as white in formers of age. 29: In a new lowers in Demanary - the midium flate of the Luctions prairies hetween 90 2 200 is 82 frans all Lettlers 70 - ion a nurly amined flave 88 - in an old flavet 82 - anoting to Dollisholm Vol 11. 15488.

but little voisted/by constant busines, news, and Compersation then the inhabertants of large towns, the pulse have Stomerftrubses than the inhabitants of large cities. - I wish these experiments could be extended to dif. - Jesent rations, It stip to all the diffement opensations of men. It fire influences the fuguency of the pulse. It is muches inshort, than in tall men. In very large men it has been observed to be but 55. Halles 5. Climate & Jeason influence the friguency of the pulse! It is slower westerniss. One. It is stower in winter, than

14 Christoff wel. 14/5 6/68 - when at hours upon gritial diet. In this man he days his pulse upas as quich as his own, - This I dane say was truf. I perieis the danne thing in smeral of the Josepe hadrines who lately 1804 visited this city, funt it leves after they has had their Senses acted upon the new Tights of Sounds before blood before exists by normal days, of this about the potent of which was the case we are more lymens the fraisment of the formers. It is the case we are more lymens the fraisment. he a compension in whom it was 64 ay block 76 mil 716pm. hu another 52,7 ofloch 65 m. 56-6 pmidly De n third by yollwich y 6. min: 72 6 pm aday. + In this ordinary friatual State, the fact I believe is uniformily true. I shall gay misently that the exemises of the Anderstanding of the passions affect the pulse; now as the Understandings of Indians are ordann employed generally in a quiescent, or torgio state from the limited permeter of poligets which occupy them It those Inhjects only for a thort time, it is no from the pulses of civilized people.

in francisco frences in with the event of heat & isto fralle the months of the year to Different times of the day influe. = ences the frequency of the pulse = fins sun = It is flowest in the morning - enouses till mid: - day - Is stationary till 2 oflork; when it Descends till 8 oflock, - then it visco a little. It is again inc reduced in fleego; but sises again in frequency tile two hours before morning, when it again descends
the Tollock - after which hour it is
the Tollock - after which it aims to the It graduely
at its greatest weakness, at y of look It graduely rises till twelve or quiday, & thus performe the same revolutions every day. I shall hereafter Tay these Changes in the pube in the night are influenced by a differente in the height in the Air- as discoverable hythe Barometer.

I turn up this paper) onens - m og god

14 Christoff wel. 14 1 698 - when at hours your frital diet. he this man he days his pulse upos as quich as his own, This I dane say was truf. I perior the danny in the former better with the bright with the latter with the latter of the prage hadrings who latter the latter of the prage hadrings with latter of the prage had in the latter of 1804 visited this city, flut it leves after they has had their Senses acted upon the new Tights of Sounds I Smells of our eith of this for several Days, of this last blood belief exists by insurant quantity of while alient of the Lystern. This is the case win for mos Elymen Experients In a compenson in whom it was 64 ay block 76 mil 71 6 pm. In another 52,7 of with 65 m. 56-6 pmiddy Jain this by yolloch y 6. 2nd: 72 6 pm aday. + In this ordinary friatural State, the fact I believe is uniformly true. I shall gay musently affect the pulse; now as the Understandings of Indians are ordann employed generally in a quiescente, or torpid fate from the limited permeter of politients which occupy them It those Inhjects only for a thort time, it is no fronder their pulses are slower, or befor active, than the pulses of civilized people.

Thight has a great in florence up on the The puberost everegues and lessons with rifferent degrees of light and darkness. It is great consequent to attend to this fact in judging of a discuse by the State of the pubse, and in prescribing for Dis was particularly those of a febrile tratme. Light and Darbings are both hutful driseful seconding to the flate of the System in which they are applied I shall himselfer explain in the body in the body to himan certain phanomeron ascribed to himan attraction, chiefly to the effects of light a Durbness ussan it. cording to De Haller, there are 15 Strokes buton be tween the morning & evening 213: 65- 8 80 In some cases there is a demination of frequency at night forthe get of the frequency in the Sleering to a acting tales. It is anuch from abound if the entroy or thingulus of the him 80 to 90 a below it. What Internate in fleep in fallo to 70 a below it. A. Different positions of the leady affect the frequency of the pube. It is slivest when we lie on our backs - It if grischer when we sit

Tood and dringles affect the pulse. It is griffined by a full mial " and by distilled & firmented. 120 liquoss. In fasting - quewed in its fre: - quewy by fasting - vi the Arm affects the pulse. It is much reduced in frequency by facing uncovered, and by the preson upon the body upon it in bed, when the patient his on his fide. The above 120 laining grichers the mile from your fanding to 64 in a person while Setting is 68 when fanding 18 walking at the rate of two miles and the form 15 to Buguancy in there the putse. It is more active than walk as soon as loncestion

up, and gnifhest when we are in an evet posture. The exercised of the Understanding & of certain 12 the all the passions of the mind affect the mulsel. The Strin ulating passions

Eg langer energies to 104 Thohes in a minute.

go impart quickness & force to it. The fingly delin sedative papions as grif, fens de redrue it in freguency House, movided it be fett before Other it is accelerated by Stimuli acting upon assurvalated existab? who has been accumulated by those 18 13 Commenting papions of the pale The St belonged to the natural history of the pulse to take proties, that in Jours Isissons in ford health, it is in free termaturally stour tom Chippoole

takes place, and This activity is americased at the trines in which the menses ordinapiely flow. ‡
enumin pregnant women as well of others indicates a high fewer at 60, + he the Reno my Clay ton of Liverpool it was at wo frontil be had adver fever- cuis after we it was between 60 byo. D'hetyt frentions a person in whom the was 120 in its spatmal State. In a fewer inthis prosture of the when communication in sitting prosture. If is frotherforein a with difficulty in very fat prople from fat wongressing, or ", burying the artery. (a) , a kind provision of the another of nature! une en extrapl visiones, but internal ones are concessed from two. to # Election ship: in flower the State of The pulse - as opposine - Back - Blisters - the last auxiding to back to which they are applied for Brown yet Brown both werts werts to by 18 han

Show was of its that absence 548 & with good healthilly don't be of fin others it is freetimaturally girich I more the arting me commonly fulls, mus above the Radius parallel with the Thinh of consequence to know there when they seems in our habitual patients. - Indud a great advantage would fate of every patricet we attend in its ordinary behealthy State = II he come next to ingrise into the morbis states of the pulse but one p 548 of departs from order and health, In frequency, and quickness. By

This Subject down in frother place; at present I shall only rimark that the Lynn, athy with between the pulse of discussed parts is we not with exact Spotediscused, but with the parts contiguous to it. In Influence for I shall for hereafter the morte Circulation is Ilvin than in healthy parts. It win usses attogether in down Cases. The new This has been Observed by a microscope. The cresensed action is a tergo, or buy behind the inflamed part, & it is this action which modues corresponding actions in the eadial factory. The absence of it produces what has been called papere Inflamm? - It is ab-: unt in all those cases in which we find signs of influent after Death, without previous fines, or morlied authors in the puble. Let not the exceptions that have not mentioned to the Unison in the pulsations of the arteries call for grustion the advantages

